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A Machine Knitting News Publication



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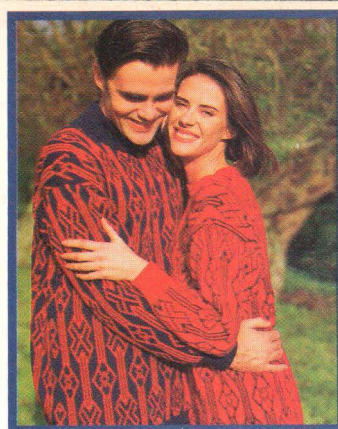
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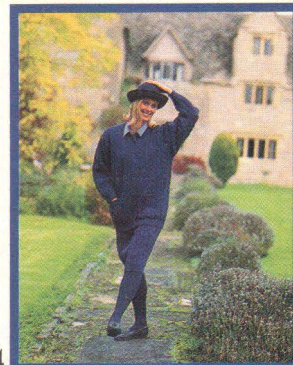
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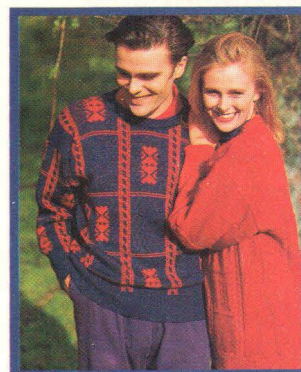
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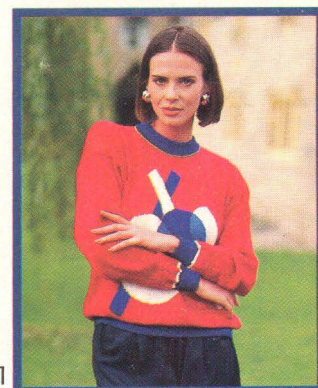
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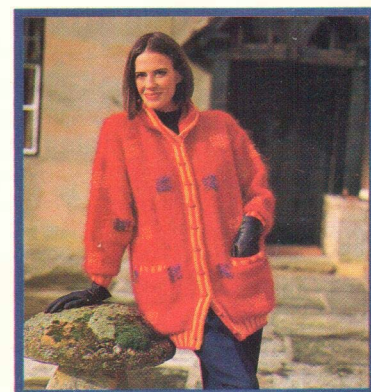
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WHAT'S NEW FROM ANNE ROWENA

Anne Rowena, famous for her beautiful knitting kits, has introduced five new stunning

designs to her range. They include tartan, trellis and floral patterns that are suitable for hand knitters and owners of Bond and Chunky machines. The designs are

available in luxurious mohair and velvety chenille. For further details and order form contact Anne Rowena, 4 Trinity Street, Cambridge CB2 1SU. Tel: 0223 66841.



FASHION FOCUS

British Hosiery Week revealed trends to match and complement the fashion and knitwear we will be wearing this coming summer. Leggings will be an essential with long tunic jumpers, and tartans, checks and florals match the Intarsia designs of the knits. The heavy opaque tights of winter are giving way to lightweight semi opaques in fresh light colours — and to show the colours we will be wearing we illustrate the colour chart from the hosiery firm — Hue.



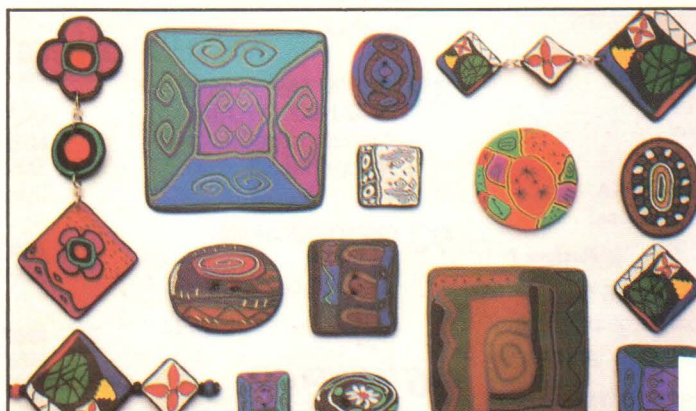
THE TUNIC LOOK ▷

The long, lean tunic look will continue into Spring and Summer 1993. Emreco have a comprehensive selection typified by this cotton version with abstract and floral patternings detailed with Angora — and this mix of patterning is yet another trend for the New Year.

Available in a White background with a choice of Candy Pink, Sky Blue or Navy contrasts.

In sizes 34-40in, this sweater will be available in specialist shops from February 1993 and will cost approximately £58.00.

*Designs along this theme will be found in *Designer Clothes Vol 2, No 1* on sale 11th March.



△ A selection of buttons and jewellery designed and handmade by Julia Hill. Available from Studio 16, Bluecoat Chambers, School Lane, Liverpool L1 3BX.



GOING GREEN

Back in the April issue we gave you news of a recycled yarn available on cones. This month we are pleased to offer a yarn and yarn and fabric kit to make a jacket, skirt and shawl. The yarn and fabric from Evergreen Recycled Fashions is offered at a special low price exclusive to readers of *MKN*. The design and order form can be found on pages 78-81.

UPDATE

Update on the Lifescan Appeal (December issue) — unfortunately Rangers were unable to commit themselves due to other charity events and therefore Leeds Rugby League Football Club have taken it on board at Headingley, Leeds. Saturday 1st November saw the official launch with the first 17 feet being



displayed on the pitch. Completion date is 18th April when the scarf will measure 430 yards (hopefully) around the perimeter of the pitch. At time of going to press Lyn had knitted 70 feet!

CLASSES

Direct Knitting & Sewing Supplies are pleased to announce that their

popular open learning scheme now has two new courses for the Pfaff/Passap 6000E. The first course consists of five easy to follow lessons (that are written in plain English!) and takes you through basic knitting techniques. The second course is more advanced. For further details contact Direct

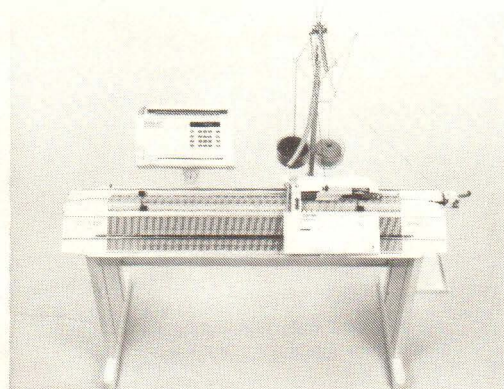
Knitting & Sewing Supplies Ltd, 769/771 Attercliffe Road, Sheffield.
Tel: 0742 449888.

North Kent Adult Education are holding a Knitwear Day on Sunday 14th March 1993 at the Medway Adult Education Centre, Eastgate, Rochester, Kent ME1 1EW. Included are lectures, fashion shows, workshops and master classes. Lectures on design, colour changer and machine accessories. Tickets for entrance will be £4, the lectures £2 extra and £6 for the master classes. For further information telephone Rosemary Hills on 0634 387979, or Wendy Damon on 0634 221629 or Jo Cooper on 0634 362232 or by writing to Medway Adult Education Centre.

The Surrey Adult and Continuing Education Service is holding two Machine Knitting Workshops in the Guildford area. Both workshops will explore the use of different yarn and stitches, decorative ideas and how to give a professional look to a finished garment. The first is on 26th February 1993 at Sydenham Road, Guildford from 10.00am - 3.00 pm (1 hour for lunch). A crèche is available. The second course is at the Heathcote Centre, Ash on 21st March 1993 from 10.00am - 2.30pm (½hr for lunch). The cost is £8.40 per course and the tutor is Carolyn Goulter. For further details and enrolment please contact Guildford Area, Surrey Adult and Continuing Education Service, Sydenham Road, Guildford GU1 3RX. Tel: Guildford 60978.

8 ▶

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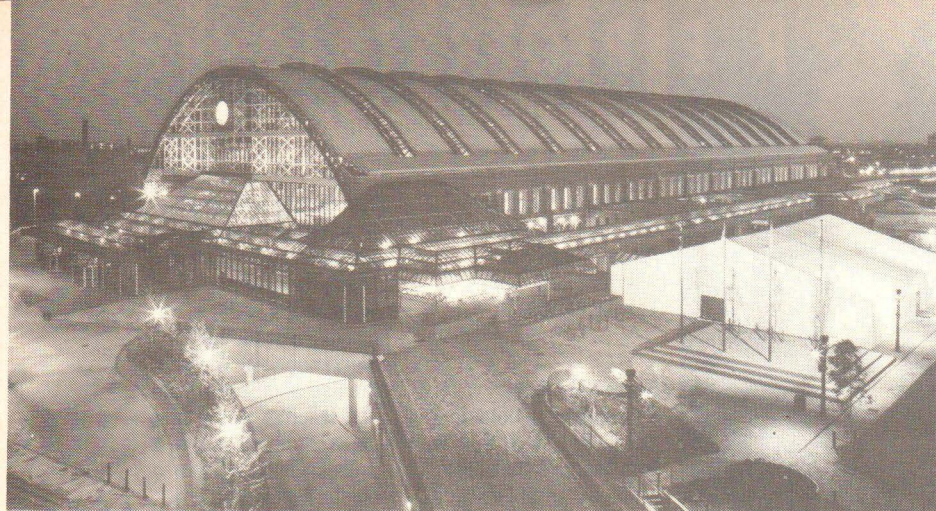
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Put together the North of England — a traditional home of knitting and needlecraft; the G-Mex Centre — a multi-million pound exhibition centre right in the heart of Manchester; Nationwide Exhibitions — the UK's leading knitting and needlecraft exhibition organisers and *Machine Knitting News* and *Patterns Galore* — the country's foremost



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The 2nd North West Knitting

FROM THE SHOW

Dear Readers

The fifth London Knitting and Needlecraft Exhibition took place at Picketts Lock from 6th to the 8th November. For the first time this year the exhibition had been moved to later in the Autumn season which proved popular with the increased number of people attending. This venue not only attracts visitors from the south of the country but is also popular with the Welsh and East Anglians. As usual there was a full programme of events taking place with four fashion shows and two lectures daily. *Machine Knitting News* had its £100 cash draw each day. The winners were Friday, Mrs B Gibson of Basingstoke, Hants; Saturday, Elaine Barker of Longfield in Kent and on Sunday we had our first male winner Mr M S Robinson from Farnham in Surrey. Everyone is entitled to enter the draw, all you need to do is buy a show catalogue, fill in the form and drop it in to a box on the MKN stand. The winner is announced during the final fashion show and if that person has already left the exhibition they are informed by post immediately afterwards.

This was the last exhibition of 1992 and by the time this goes to print we will be well into the 1993 exhibition season and we look forward to seeing you at your nearest venue.

Hyane

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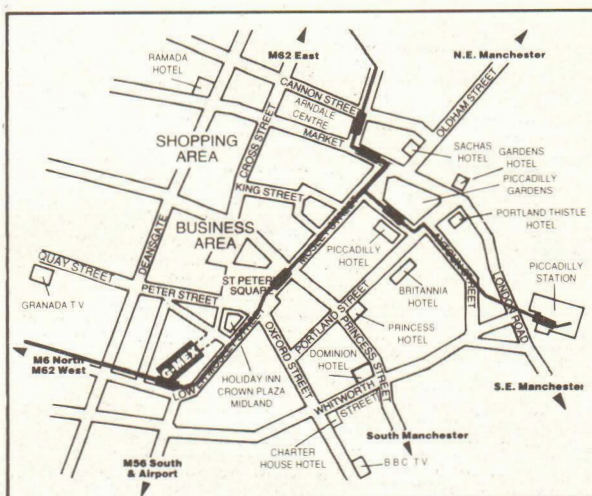
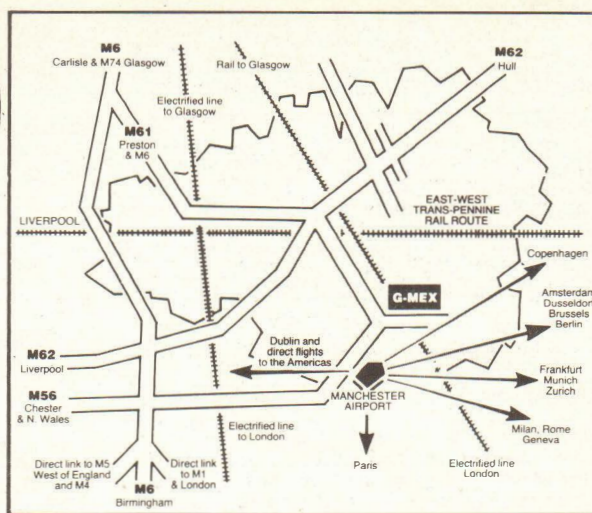
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The exhibition will have a vast array of attractions including demonstrations, guest speakers, videos, workshops, advice centres, visiting celebrities and fashion shows. All the major knitting and sewing machine manufacturers will be demonstrating and talking about their latest machines and equipment.

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NAME	SEC/ORGANISER	TELEPHONE NO	VENUE	DAY	TIME
NORTHFIELD MK CLUB	Irene Seez	031 669 2037	Northfield and Willowbrae Community Centre, Northfield Road, Edinburgh	Alt Tuesdays	7-9pm
PFAFF KNIT 'N' NATTER	—	0742 449888	Direct Knitting & Sewing Supplies Ltd 769/771 Attercliffe Road, Sheffield	Alt Tuesdays	7-9pm
KNIT 'N' NATTER (JAPANESE MACHINES)	—	0742 449888	Direct Knitting & Sewing Supplies Ltd 769/771 Attercliffe Road, Sheffield	Alt Thursdays	7-9pm
PALMARSH MK CLUB	Gill Culwick	0303 246264	Palmarsh Village Hall, Dymchurch Road, Palmarsh, Hythe, Kent	Alt Wednesdays	2.00pm
HONOR OAK KNITTING CLUB	Carole Rogers Jo Clapham (Treas)	081 699 6099	Ring Carole for details	Last Thursday	7-9pm
NEW VENUE					
NAME	SEC/ORGANISER	TELEPHONE NO	VENUE	DAY	TIME
SILVERKNOWES MK CLUB	Mrs E McBride	031 336 3280	Ferryhill Primary School, Groathill Road North (Off Telford Road, Blackhall), Edinburgh 4	1st and 3rd Tuesday	6.30-9pm
CASTERBRIDGE MK CLUB	Jean Keys Judy Bagwell	0305 264253 (Daytime) 0305 853776 (Evenings)	Rowan Cottage, Prince of Wales Road, Dorchester	2nd Tuesday	7.30-9pm
NEW OFFICERS					
NAME	SEC/ORGANISER	TELEPHONE NO	VENUE	DAY	TIME
DUNSTABLE MK CLUB	Stella Coxhead (Leader) Joyce Walker (Sec) Gina Phelan	0582 666619 0582 667468	Peter Newton Pavilion, Skimpot Road, Dunstable	1st Tuesday	7.45pm
NEW DAY					
NAME	SEC/ORGANISER	TELEPHONE NO	VENUE	DAY	TIME
BOURNE END MK CLUB	Myra Hurley	0628 524214	The Day Centre, Wakeman Road, Bourne End, Bucks	1st Tuesday	8-10pm

A one-day hands-on workshop on Fair Isle (multicolour) knitting is to be held at **Sutton Centre**,

Crescent Road, Reading RG1 5SR on Saturday 13th February 1993 from 10.00am - 4.00pm.

The techniques shown will include hand pulling for lettering and large single motifs; dealing

with floats during and after knitting; and the preparation of punchcards to reduce

floats. For further information contact Sutton Centre on Reading 661100.

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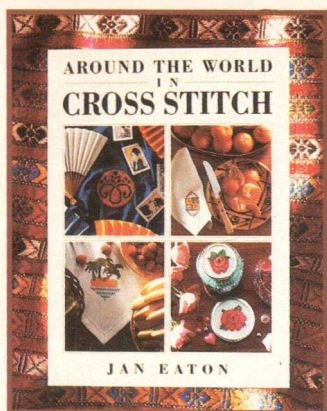
PERSONAL CALLERS — Always a warm welcome. Everybody welcome. Free tea/coffee etc.

WATCH THIS SPACE — We should be well on with the rebuilding of the part of the building which was destroyed in the fire in June. Once rebuilt, we are **HAVING A PARTY!!** Everybody will be welcome!!

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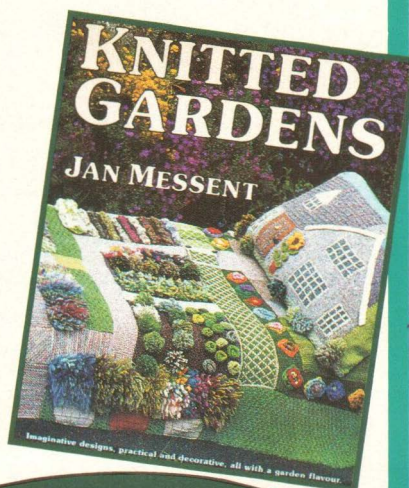
**OUR SHOP IS STILL WHERE IT WAS — WESLEY ROAD, ARMLEY.
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Cross stitch is a very old technique of fabric decoration which has been enjoyed by peasant women and professional embroiderers throughout the world. This diversity is shown in **Around the World in Cross Stitch** by Jan Eaton, which

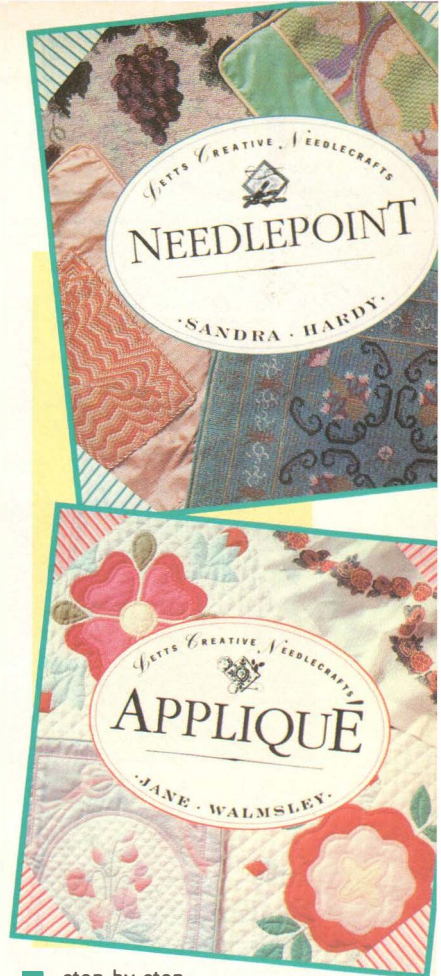
contains over 50 original projects from round the globe. Published by New Holland, £17.99.

BOOKS

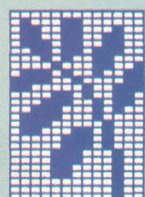


Now available in paper back. **Knitted Gardens** by Jan Messent. Containing hundreds of imaginative and practical projects, all with a garden flavour, that will appeal to knitters and garden-lovers alike. Published by Search Press, £9.95.

Two new titles in the Letts Creative Needlecraft series. **Needlepoint** by Sandra Hardy, aims to provide a clear introduction and through twelve attractive projects and a series of Skill Files, gives the reader the confidence to be creative and develop their own ideas successfully as well as take on projects originating with the top designers. **Appliqué** by Jane Walmsley, contains a series of Skill Files covering the basic elements of designing appliqué patterns, through to the technique of reverse appliqué as well as twelve attractive projects illustrated in full colour, graded for difficulty and with full



step-by-step instructions. Both books are published by Letts, £8.95 each.

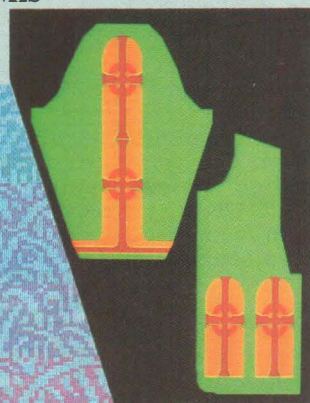
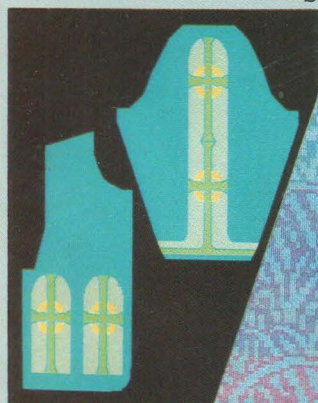


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COUNTRY CASUALS

1

Woven
Parka



MACHINES: These instructions are written for chunky punchard machines without ribber

YARN: Texere Aran and Brushed Mohair

FIBRE CONTENT: Aran is 100% Wool.

Brushed Mohair is 75% Mohair, 15% Wool, 10% Nylon

COLOUR: We used Aran in Red (MC) and Brushed Mohair in Red (A), Royal (B), Turquoise (C) and Gold (D)

STOCKISTS: To obtain these yarns, please write to Texere Yarns, College Mill, Barkerend Road, Bradford, W. Yorks BD3 9AQ

SIZES

To suit bust 86[91:96:101:106]cm.

Finished measurement 114[120:126:132:137]cm.

Length 76cm.

Sleeve seam 44[46:48:49.5:50.5]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Texere Aran.

1 x 800g cone in MC.

Texere Brushed Mohair.

200g in A.

100g in B.

100g in C.

100g in D.

10 toggles.

GARMENT WEIGHTS

956g for size 96cm.





COUNTRY CASUALS



MAIN TENSION

14 sts and 21.5 rows to 10cm measured over weaving patt (tension dial approx 7). Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Purl side is used as right side of weaving patt.
Knit side is used as right side of Fair Isle bands.

Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERNS

Punchcard 1 is from the Brother 260 basic pack. Punch cards 1 and 2 before starting to knit.

WEAVING PATTERN

MC is used as base yarn in feeder 1/A throughout. The mohair yarns are used for weaving.

Use A throughout to weave main fabric and weave patches of B, C and D over Ns and rows indicated in Diagram 1.

BACK

Push 40[42:44:46:48] Ns at left and right of centre '0' to WP. 80[84:88:92:96] Ns.

* Using WY, cast on and K a few rows ending CAR.

Set RC at 000. Insert punchcard 1 and lock on first row. Set machine for patt. Using MC and MT, K1 row. Release punchcard. Set machine for weaving. Using A, work in weaving patt, adding patches of contrast colours as indicated in Diagram 1*.

K until RC shows 84.

SHAPE ARMHOLES

Using a separate length of MC as required, cast off 6 sts at each end. 68[72:76:80:84] sts.

K until RC shows 152.

Using MT, K1 row st st.

Using a separate length of

MC, cast off the centre 24 sts.

Release each set of 22[24:26:28:30] shoulder sts on WY.

RIGHT FRONT

Push 40[42:44:46:48] Ns at left of centre '0' to WP. Work as given for back from * to *.

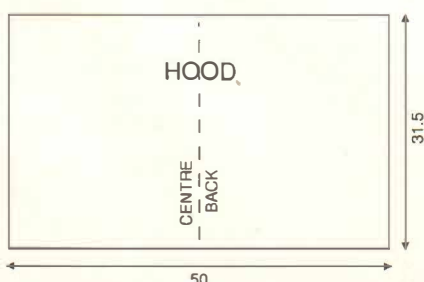
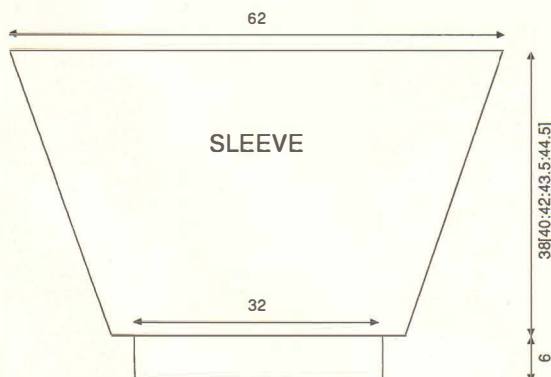
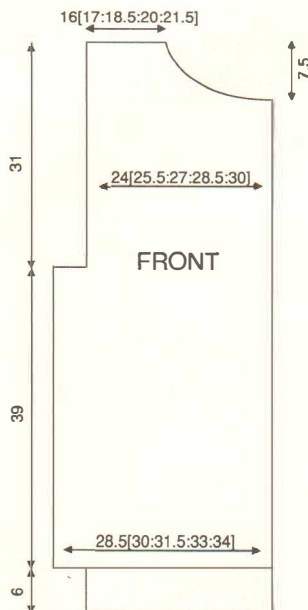
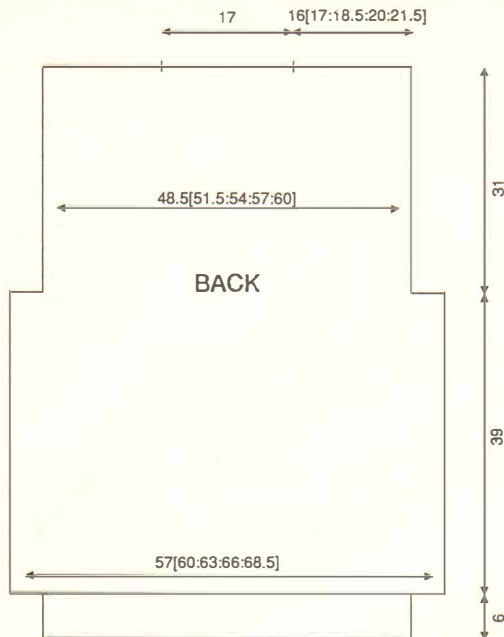
K until RC shows 49.

POCKET

Make a note of position in patt. Lock punchcard. Set machine for st st. Release 11[12:13:14:15] sts at left on WY. Rep over 11[12:13:14:15] sts at right. 18 sts rem.

Using a separate ball of MC and MT+2, K1 row. Using MT, K49 rows. Break yarn.

COUNTRY CASUALS



Rehang sts held on WY at each side back on to machine. Make a free move to select patt row ending with carriage on side to pick up yarns. Release punchcard. Set machine for weaving and cont in patt over all sts.

K until RC shows 84. CAR.

SHAPE ARMHOLE

Using a separate length of MC, cast off 6 sts at left edge. 34[36:38:40:42] sts.

K until RC shows 136. CAR.

SHAPE NECK

Cast off 4 sts at beg of next row. K1 row.

Cast off 2 sts at beg of next row. K1 row. Dec 1 st at neck edge, K1 row, twice.

Dec 1 st at neck edge, K2 rows, 4 times. K2 rows. 22[24:26:28:30] sts. RC shows 152.

Using MC, K1 row st st.

With wrong side facing, hang lower edge of back shoulder sts on to Ns. Remove WY.

Using MC and backstitch method, cast off.

LEFT FRONT

Work as given for right front reversing needle settings and shapings and join rem shoulder seam.

SLEEVES

Push 23 Ns at left and right of centre '0' to WP. 46 Ns.

Work as given for back from * to *, introducing patches over inc sts as required

Shape sides by inc 1 st at each end of every foll 4th row, 20[20:20:11:11] times.

Inc 0[0:0:1:1] st at each end of every foll 0[0:0:5th:5th] row, 0[0:0:9:9] times. 86 sts.

K until RC shows 82[86:90:94:96]. Cast off loosely.

WELTS

BACK

Push 40 Ns at left and right of centre '0' to WP. 80 Ns.

With wrong side facing, hang lower edge of back evenly on to Ns.

** Insert punchcard 2 and lock on first row. Set machine for patt. Using MC and MT-2, K1 row. Keep

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12 MINT
39 BEIGE
6 SILVER MIX
29 LILAC
DUSTY PINK

26 APRICOT
24 LEMON
3 MINK
42 AZURE
47 CERISE
48 JADE
21 RED
17 ROYAL
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GOLD
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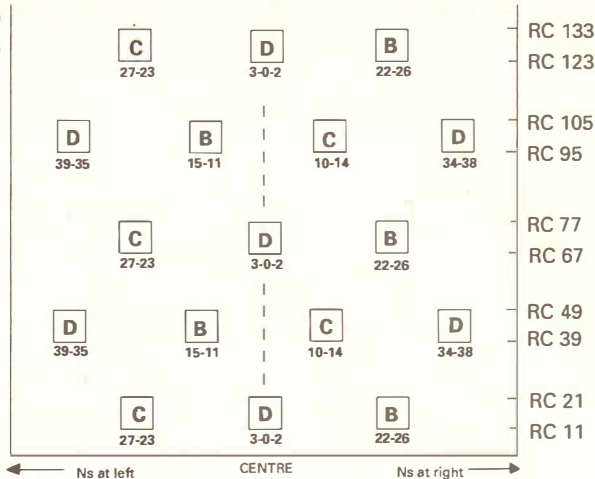
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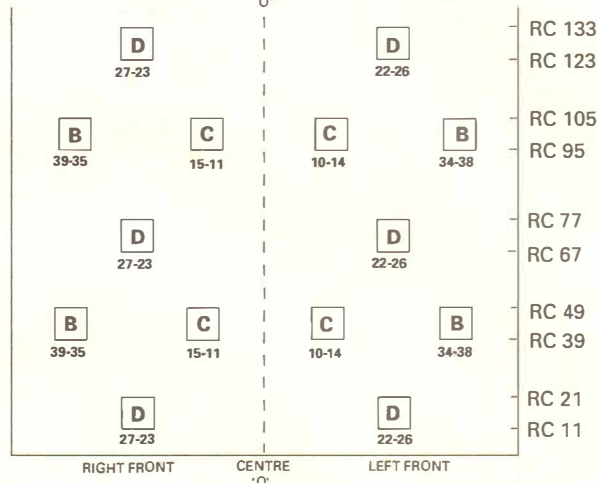
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DIAGRAM 1

BACK AND SLEEVES



FRONTS



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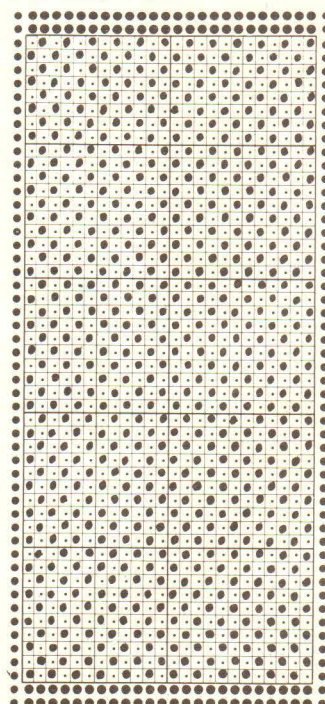
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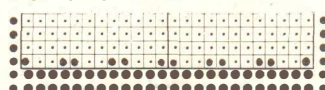
punchcard locked. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and D in feeder 2/B, K12 rows.

PUNCHCARD 1



Reproduced courtesy of Brother

PUNCHCARD 2



Set machine for st st. Using MC and MT, K1 row. Cast off using latch tool method **.

FRONT (KNIT TWO)

Push 44 Ns at left of centre '0' to WP. With wrong side facing, hang lower edge of left front evenly on to Ns. Work as given for back welt from ** to **. Work right front welt reversing needle settings.

CUFFS

Push 18 Ns at left and right of centre '0' to WP. 36 Ns. With wrong side facing, hang lower edge of sleeve evenly on to Ns. Work as given for back welt from ** to ** but knitting only 10 rows of Fair Isle patt.

POCKET TOP (KNIT TWO)

Push 9 Ns at left and right of centre '0' to WP. 18 Ns. With wrong side facing, pick up 18 sts from loose row at start of pocket opening and hang on to Ns. Work as given for back welt from ** to ** but knitting only 5 rows of Fair Isle patt.

HOOD

Push 70 Ns to WP. Using MC and 'e' wrap method, cast on. Set RC at 000. Insert punchcard 1 and lock on first

COUNTRY CASUALS

row. Set machine for patt. Using MC and MT, K1 row. Release punchcard. Set machine for weaving. Using A, work in patt. K until RC shows 68. Using MC, K1 row st st. Release 35 Ns at left on WY. Fold back along centre and rehang the 35 sts on to same Ns as rem half of work. 2 sts on each N. Cast off.

FRONT BAND

Push 9 Ns to WP. Using WY, cast on and K a few rows. Using MC, 'e' wrap along the row.

Set RC at 000. Insert punchcard 2 and lock on first row. Set machine for patt. Using MC and MT-2, K1 row. Keep punchcard locked. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and D in feeder 2/B, work in patt. K6 rows.



Make a buttonhole over the centre st, K12 rows, 10 times.

K until RC shows 360. Using WY, K a few rows and release from machine.

TO MAKE UP

With wrong side facing, block pieces out to correct measurements and press lightly.

Join cast on edge of hood to neck edge.

Sew in sleeves. Join side and sleeve seams.

Sew pocket tops and lining neatly in place.

Attach front band adjusting length as required. Rehang open sts on to machine. Using MC and MT, K1 row. Cast off using latch tool method.

Sew on buttons.

Press all seams lightly. Press welts, bands and cuffs.

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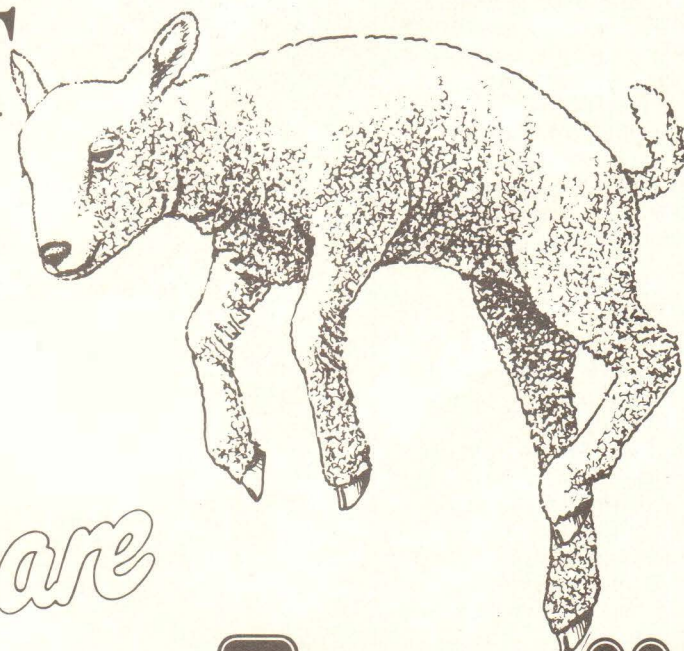
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POCKETS

Different Jacquards was supposed to be this month's theme, but I hit a few snags so would like to show you how to knit my favourite pocket instead. Pockets on a cardigan are very useful, so why do we so rarely include them in a garment? It is easy to knit a pocket when the main knitting is in stocking stitch, but when it comes to Jacquard or tuck stitch it is a different story. To interrupt the pattern sequence, knit the pocket and then restart the pattern again at the correct row is not something I find easy to do. It is a very fiddly job and it is too easy to restart the pattern at the wrong row. Some time ago I found a foolproof way of knitting pockets without interrupting the pattern sequence. This method was originally worked out for the Passap machine, but is even more simple on a Singer. The secret is to make an opening for the pocket, knit two rows with waste yarn and continue knitting, there is no interruption of the pattern. AFTER the front of the cardigan has been finished, the band and the pocket are knitted. The sample pockets were knitted over 22 needles, normally I find 26 needles give a useful opening.

OPENING

Choose position for pocket and move 22 needles on back bed to position 2 (optional for Jacquard). Knit

Trudie shares her secret and shows how to knit her favourite pocket

one row. Hang these 22 stitches to opposite needles

on front bed and knit through so that only one

strand of yarn is on front bed needles. With waste yarn, knit two rows by hand over these 22 front bed needles. Hang two small weights to pull these stitches down. Put the 22 empty needles on back bed to position 2 (optional for Jacquard). Continue in pattern, the back bed needles will cast on automatically. When finished, the knitting looks like **Sample 1**. If possible, steam to set the waste yarn stitches.

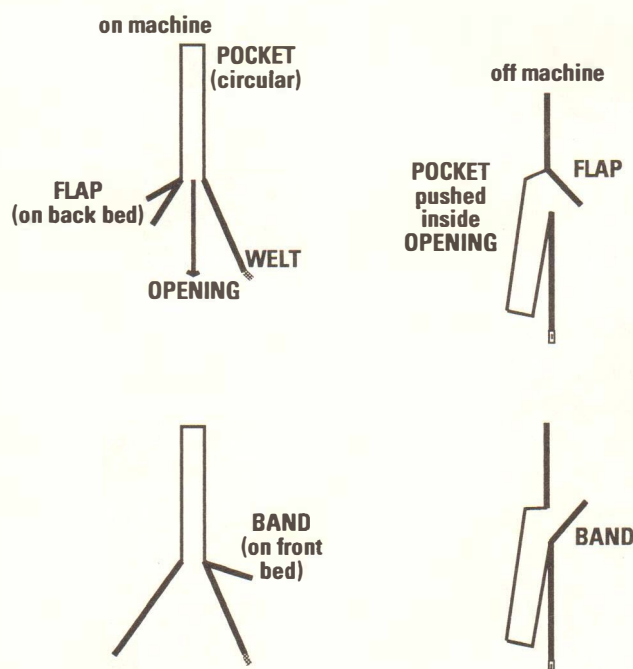
POCKET BAND

Cast on over 24 needles (two more than for opening) on both beds. Knit 8 to 10 rows. For the tuck stitch sample, I used V/V, for the flap on the Jacquard sample, I knitted 2 rows circular, 1 row V/V and 14 rows circular. Now comes the important part: for a flap hang the front bed stitches to the back bed (**Sample 2**) and for an upright band hang the back bed stitches to the front bed (**Sample 3**). Knit 1 row single bed with a large stitch size to give a nice purl edge. Do not remove the weights.

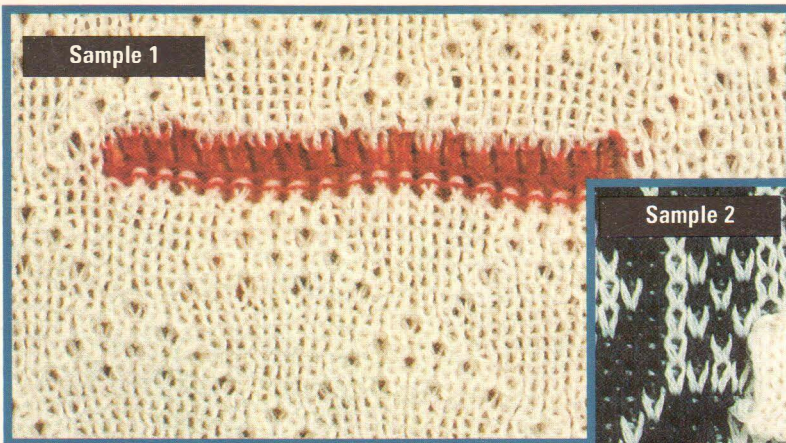
POCKETS

On bed opposite band put 24 needles to working position. Open bedspace very wide. Take the cardigan front and fold it where the waste yarn is. Push it between beds. Hang stitches BEFORE waste yarn on front bed needles, starting with the second needle. Close bedspace slightly and hang loops

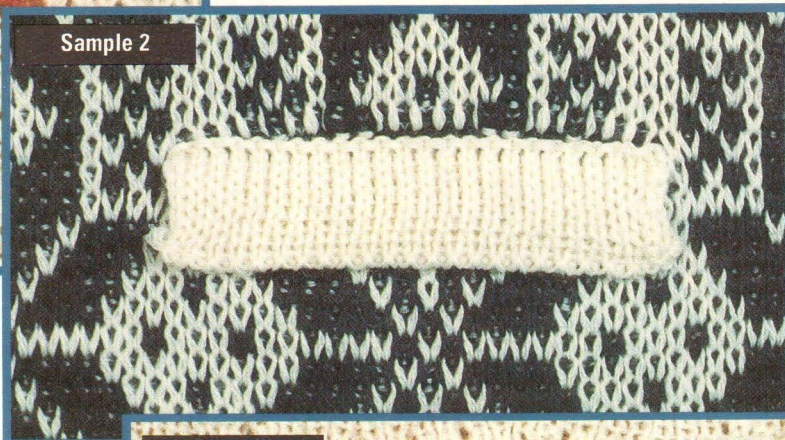
DIAGRAM 1



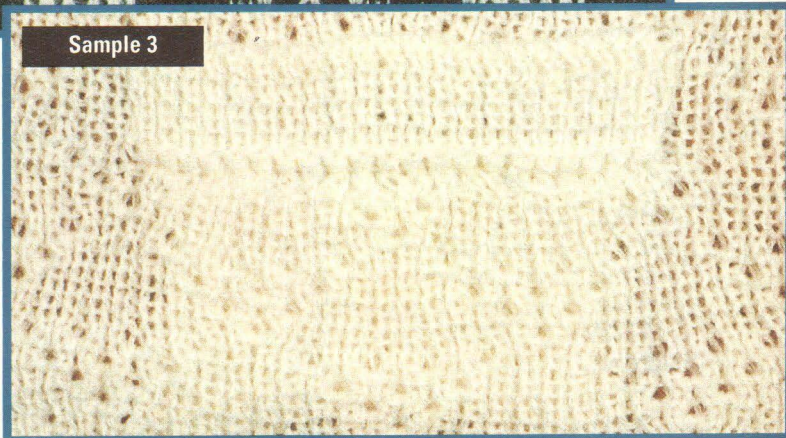
Sample 1



Sample 2



Sample 3



AFTER waste yarn on back bed needles, starting with the second needle. Cut and remove waste yarn. On each side of opening pick up two loops and hang them on the first and last needles on each bed. Set the carriages to circular knitting and with a generous stitch size knit two rows. If you want a wider pocket, increase by picking up loops and hanging them on first empty needles each side every two rows until pocket is wide enough. Knit until row counter reads about 60. Hang front bed stitches to back bed, knit one row T12 and cast off. All that remains to be done is to push the pocket into the opening and to sew the sides of the upright band on to the cardigan (Diagram 1). I like these loose pockets, they do not spoil the cardigan's outline. On the inside of the cardigan they look like Sample 4. For a simple pocket with an upright band, follow the above instructions until the band has been finished off with the purl row on the front bed. Hang the stitches before the waste yarn on the needles of the band, starting with the second needle. Knit one row with a large stitch

size and cast off. Now pick up the loops after the waste yarn and hang them on the back bed needles. Cut the waste yarn and remove it. Pick up two loops each side and hang them on the needles on each end. For my sample pocket you should now have 26 stitches on the back bed. Put one more needle to work at each end. Knit about 30 rows and cast off loosely. Sew into position.

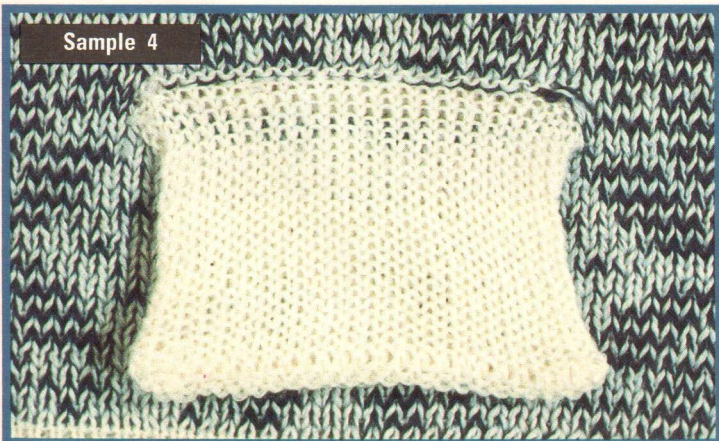
This simple pocket is useful when the main garment has been knitted in a single bed pattern. With a double bed pattern this type of pocket can easily distort the shape of the garment unless care has been taken with the stitch size.

I hope you will knit a test pocket. It looks very confusing when it is on the machine, but I promise you, it works!

Next month we'll take one pattern card and see how many different stitch patterns it can produce. Until then,

Trudie

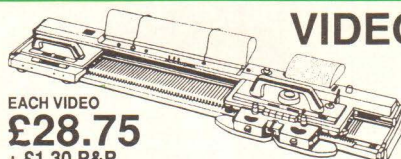
Sample 4



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FAMILY FAI

2

Man's
Sweater



MACHINES: These instructions are written for standard gauge punchcard machines with ribber

MACHINES WITHOUT RIBBER: See page 113

YARN: King Cole Anti-Tickle 4 ply

FIBRE CONTENT: 100% Wool

COLOUR: We used French Navy (MC), Scarlet (A) and White (B)

STOCKISTS: If you have any difficulty in obtaining this yarn, please write to King Cole Ltd, Merrie Mills, Old Souls Way, Bingley, W. Yorks BD16 2AX

SIZES

To suit chest 96[101:106:111:116:121]cm.

Finished measurement 108[113:119:124:128:133]cm.

Length 65[65:67:67:69:69]cm.

Sleeve seam 51.5[51.5:52.5:52.5:53.5:53.5]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

King Cole Anti-Tickle 4 ply.

6 x 50g ball in MC.

6 x 50g ball in A.

1 x 50g ball in B.

GARMENT WEIGHS

542g for size 111cm.

MAIN TENSION

30 sts and 39 rows to 10cm measured over st st (tension dial approx 7=MT).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are

those of finished garment and should not be used to measure work on the machine.

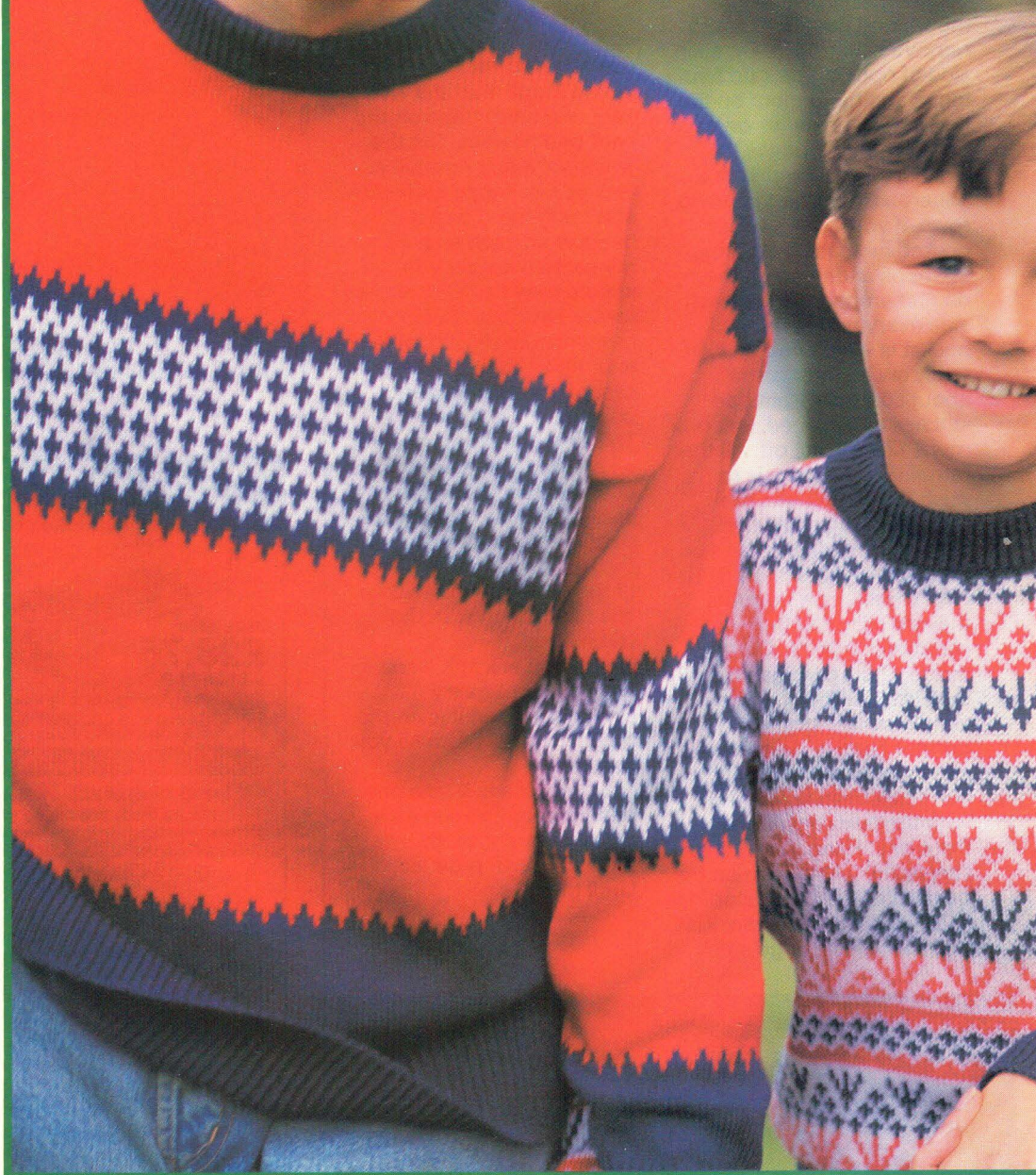
PUNCHCARD PATTERN

Punch card 2 as given for Child's Sweater, Pattern 4 on

4

Child's
Sweater

see page 22 for instructions



page 22 before starting to knit.

PATTERN ONE

CAL. Set punchcard to rotate every 2 rows i.e. elongate. Commence on row 1 of punchcard. Make free move

R ISLE

3

Lady's
Sweater

see page 20 for instructions



to select. CAL. Set carriage for Fair Isle knitting. Using A in feeder 1/A and MC in feeder 2/B and MT+1*, K4 rows.

PATTERN TWO

CAL. Set punchcard to rotate

every 2 rows i.e. elongate. Commence on row 9 of punchcard. Make free move to select. CAL. Using A in feeder 1/A and MC in feeder 2/B and MT+1*, K4 rows. Set machine for st st. Using MC and MT, K1 row.

Lock punchcard on row 1. Set machine for patt, K1 row. Release punchcard and set to elongate. Set carriage for Fair Isle knitting. Using B in feeder 1/A and MC in feeder 2/B and MT+1*, K16 rows.

Lock punchcard on row 3. Make a free move to select ending with carriage on same side to pick up yarns again. Release punchcard and set to elongate. Set carriage for Fair Isle knitting. Using B in feeder 1/A and

MC in feeder 2/B, K16 rows. Set machine for st st. Using MC and MT, K1 row. Lock punchcard on row 1. Set machine for patt. K1 row. Release punchcard and set to elongate. Set carriage for Fair Isle knitting. Using A in feeder 1/A and MC in feeder 2/B and MT+1*, K4 rows. 44 rows to patt.

PATTERN THREE

CAL. Commence on row 9 of punchcard. Set to elongate. Make free move to select. CAL. Set carriage for Fair Isle knitting. Using A in feeder 1/A and MC in feeder 2/B and MT+1*, K4 rows.

BACK

With RB in position, set machine for 1x1 rib. Push 81[85:89:93:96:100] Ns at left and right of centre '0' on MB to WP. 162[170:178:186:192:200] Ns.

* Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. CAR.

Using MC, cast on and K3 tubular rows.

Set RC at 000. Using MT-4/MT-4, K36 rows. Transfer sts to MB *.

Set RC at 000. Using MC and MT, K31[31:35:35:39:39] rows.

Work the 4 rows of patt 1.

Set machine for st st. Using A and MT, K 66[66:70:70:74:74] rows. RC shows 101[101:109:117:117].

Work the 44 rows of patt 2 marking each end for start of armhole when RC shows 128[128:132:132:138:138].

RC shows 145[145:153:153:161:161]. Set machine for st st. Using A and MT, K60 rows. RC shows 205[205:213:221:221].

Work the 4 rows of patt 3.

Set machine for st st. Using MC and MT, K11 rows. RC shows 220[220:228:228:236:236].

Mark the centre 60 sts for neck. Cast off loosely.

FRONT

Work as given for back until RC shows 196[196:204:204:210:210]. CAR.

SHAPE NECK

Using a separate length of yarn, cast off the centre 30 sts. Using nylon cord, K 66[70:74:78:81:85] sts at left by hand taking Ns down into NWP.

Cont on rem 66[70:

74:78:81:85] sts at right for first side.

Dec 1 st at neck edge on every row, 15 times and at the same time, when RC shows 205[205:213:213:221:221].

Work the 4 rows of patt 3. RC shows 209[209:217:217:225:225].

Set machine for st st. Using MC and MT, K11 rows. RC shows 220[220:228:228:236:236]. 51[55:59:63:66:70] sts. Cast off loosely.

Unravel nylon cord over rem sts at left. Reset RC at 196[196:204:204:210:210].

Keeping patterning correct, complete to correspond with first side, reversing shapings.

SLEEVES

With RB in position, set machine for 1x1 rib. Push 36[36:38:38:40:40] Ns at left and right of centre '0' on MB to WP. 72[72:76:76:80:80] Ns. Work as given for back from * to *.

Set RC at 000. Shape sides by inc 1 st at each end of next and every foll 3rd row, 10 times in all and then on every foll 5th row, 27[27:28:28:29:29] times and at the same time, work in the foll patt sequence.

Using MC and MT, K until RC shows 23[23:25:25:25:25]. Work the 4 rows of patt 1.

Set machine for st st. Using A and MT, K 40[40:40:40:42:42] rows. RC shows 67[67:69:69:71:71].

Work the 44 rows of patt 2. RC shows 111[111:113:113:115:115].

Set machine for st st. Using A and MT, K until RC shows 170[170:174:174:178:178]. 146[146:152:152:158:158] sts. Cast off loosely.

Before cont, block pieces out to correct measurements and steam. Join right shoulder seam.

NECKBAND

With RB in position, set machine for 1x1 rib. Push 154[154:154:154:158:158] Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib.

Using MC, cast on and K2 tubular rows.

Set RC at 000. Using MT-3/MT-3, K26 rows. Transfer sts to MB.

With wrong side facing, hang neck edge evenly on to Ns. Using MT, K1 row. Cast off loosely.

TO MAKE UP

Join rem shoulder and neckband seam.

Fold neckband in half to inside and slip stitch in place.

Sew in sleeves between markers.

Join side and sleeve seams.

3

Lady's
Sweater

ILLUSTRATED ON PAGE 19



MACHINES: These

instructions are written for standard gauge punchcard machines with ribber

MACHINES WITHOUT

RIBBER: See page 113

YARN: King Cole Anti-Tickle

4 ply

FIBRE CONTENT: 100% Wool

COLOUR: We used Navy (MC), Scarlet (A) and White (B)

STOCKISTS: If you have any difficulty in obtaining this yarn, please write to King Cole Ltd, Merrie Mills, Old Souls Way, Bingley, W. Yorks BD16 2AX

SIZES

To suit bust 86[91:96:101:106]cm.

Finished measurement 101[108:113:117:123]cm.

Length 64[64:66:66:67]cm.

Sleeve seam 50[50:51:51:53]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

King Cole Anti-Tickle 4 ply.

1 x 500g cone in MC.

4 x 50g ball in A.

1 x 50g ball in B.

GARMENT WEIGHS

561g for size 96cm.

MAIN TENSION

30 sts and 39 rows to 10cm measured over st st (tension dial approx 7=MT).

Tension must be matched exactly before starting garment.

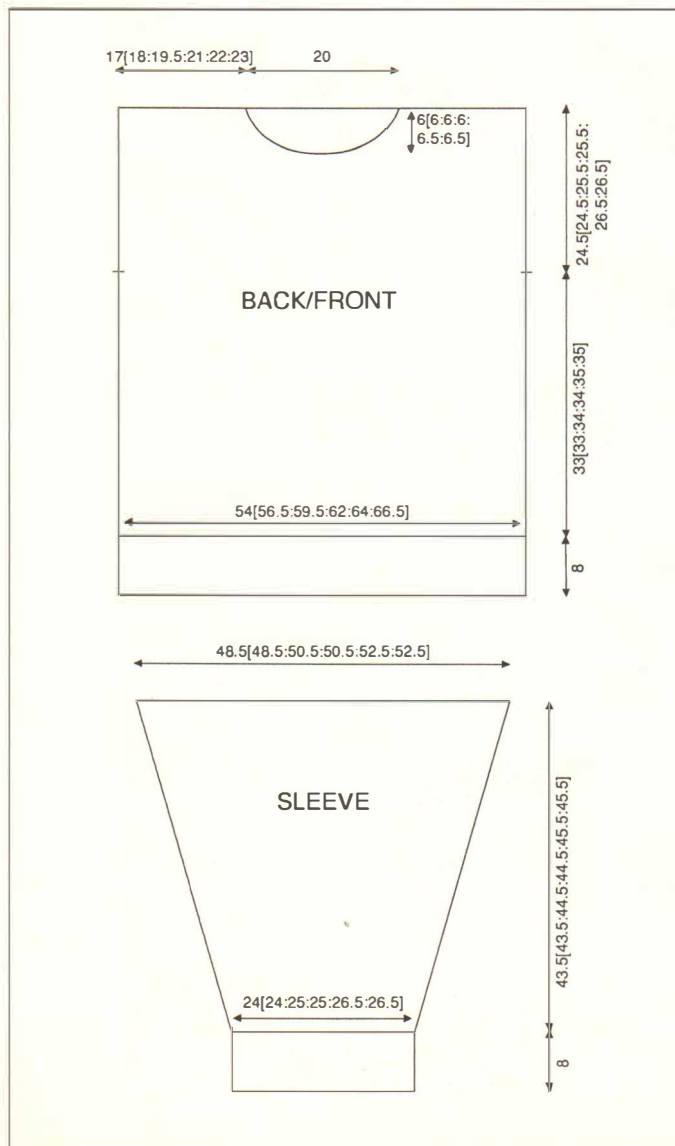
ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment and should not be used to measure work on the machine.



PUNCHCARD PATTERNS

Punch cards 1 and 2 as given for Child's Sweater, Pattern 4 on page 22 before starting to knit.

PATTERN ONE

Commencing on first row of punchcard 2.
B+MC and MT+1•, K8 rows.
B+A, K2 rows.
10 rows to patt.

PATTERN TWO

Commencing on first row of punchcard 1.
A+MC and MT+1•, K
required number of rows.

PATTERN THREE

Commencing on first row of punchcard 2.
B+A and MT+1•, K2 rows.
B+MC, K8 rows.
10 rows to patt.

BACK

With RB in position, set machine for 1x1 rib. Push 77[81:85:88:92] Ns at left and right of centre '0' on MB to WP. 154[162:170:176:184] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. Using MC, cast on and K3 tubular rows.
Set RC at 000. Using MT-4/MT-4, K36 rows. Transfer sts to MB.



Set RC at 000. Using MC and MT, K 111[111:119:121:129] rows.
Insert punchcard 2 and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting. Work the 10 rows of patt 1. RC shows 122[122:130:132:140].
Set machine for st st. Using A and MT, K1 row. Insert punchcard 1 and lock on first

row. Set machine for patt. K1 row.
Release punchcard. Set carriage for Fair Isle knitting. Work in patt 2 until RC shows 194[194:202:204:212].
Set machine for st st. Using A and MT, K2 rows. RC shows 196[196:204:206:214].
Mark the centre 60 sts for neck. Cast off loosely.

FRONT

Work as given for back until RC shows 174[174:182:184:192]. CAR.

SHAPE NECK

Make a note of position in patt and row on punchcard. Using a separate length of yarn, cast off the centre 30 sts. Using nylon cord, K 62[66:70:73:77] sts at left by hand taking Ns down into NWP. Cont on rem 62[66:70:73:77] sts at right for first side.

Keeping patt sequence correct as given for back to end, dec 1 st at neck edge on every row, 15 times.
47[51:55:58:62] sts.
K until RC shows 196[196:204:206:214] ending with 2 rows of A. Cast off loosely.
Unravel nylon cord over sts at left. Reset RC at 174[174:182:184:192]. Starting at correct position in patt, complete to correspond with first side, reversing shapings.

SLEEVES

With RB in position, set machine for 1x1 rib. Push 38[38:40:40:43] Ns at left and right of centre '0' on MB to WP. 76[76:80:80:86] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib.
Using MC, cast on and K3 tubular rows.
Set RC at 000. Using MT-4/MT-4, K36 rows. Transfer sts to MB.
Set RC at 000. Shape sides and work in patt sequence as follows:

Inc 1 st at each end of next and every foll alt row, 10[10:13:13:16] times in all. K1 row. Inc 1 st at each end of next and every foll 4th row, 11[11:11:11:12] times in all. K3 rows. Inc 1 st at each end of next and every foll 6th row, 16[16:16:16:15] times in all. *At the same time*, work as follows:

RIGHT SLEEVE

RC 000. Using MC and MT, K 45[45:47:47:49] rows.
** Insert punchcard 2 and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting. Work the 10 rows of patt 1 **. RC shows 56[56:58:58:60].
Set machine for st st. Using A and MT, K 93[93:95:95:97] rows. RC shows 149[149:153:153:157].

*** Lock punchcard 2 on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting. Work the 10 rows of patt 3 ***.
Set machine for st st. Using MC and MT, K2 rows. RC shows 162[162:166:166:170]. 150[150:160:160:162] sts. Mark centre st and cast off loosely.

LEFT SLEEVE

RC 000. Using MC and MT, K 93[93:95:95:97] rows.
Work as given for right sleeve from ** to **. RC shows 104[104:106:106:108].
Set machine for st st. Using A and MT, K 45[45:47:47:49] rows. RC shows 149[149:153:153:157].
Work as given for right sleeve from *** to ***.
Set machine for st st. Using MC and MT, K2 rows. RC shows 162[162:166:166:170]. Mark centre st and cast off loosely.

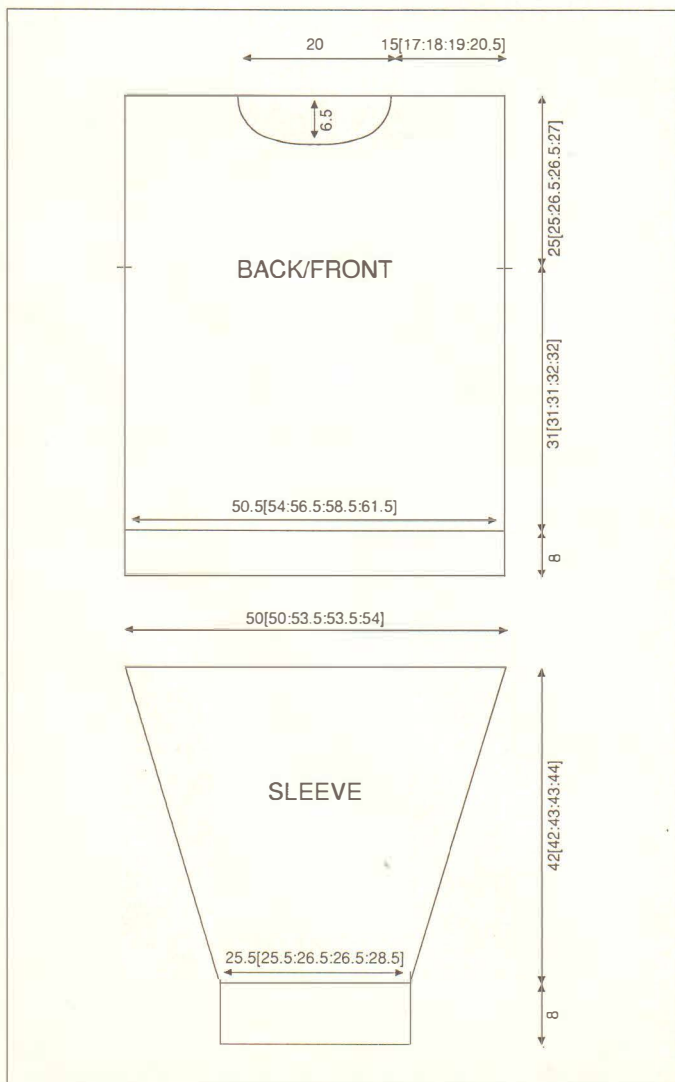
Before cont, block pieces out to correct measurements and press.
Join right shoulder seam.

NECKBAND

With RB in position, set machine for 1x1 rib. Push 152 Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib.
Using MC, cast on and K3 tubular rows.
Set RC at 000. Using MT-3/MT-3, K26 rows. Transfer sts to MB.
With wrong side facing, hang neck edge evenly on to Ns. Using MT, K1 row. Cast off loosely.

TO MAKE UP

Join rem shoulder and neckband seam. Fold neckband in half to inside and slip stitch in place.
Matching centre marker to shoulder seam, sew in sleeves.
Join side and sleeve seams. Give a final press.



4

Child's
Sweater

ILLUSTRATED ON PAGE 18



MACHINES: These instructions are written for standard gauge punchcard machines with ribber

MACHINES WITHOUT RIBBER: See page 113

YARN: King Cole Anti-Tickle 4 ply

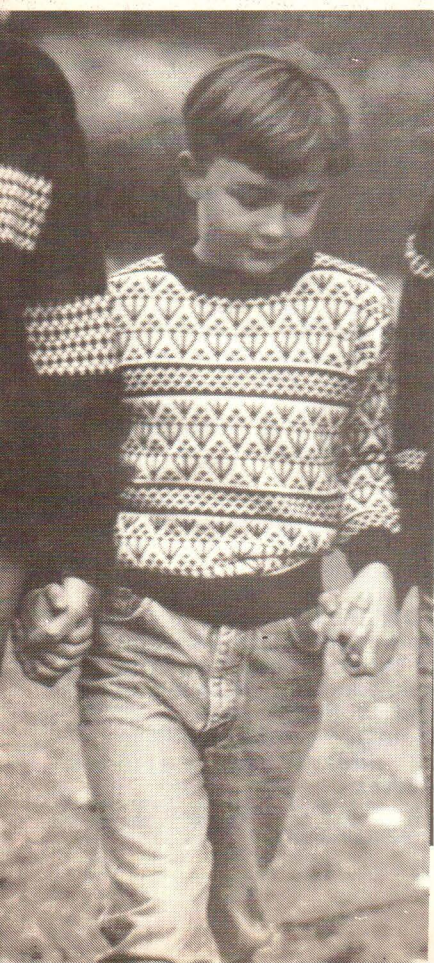
FIBRE CONTENT: 100% Wool

COLOUR: We used White (MC), French Navy (A) and Scarlet (B)

STOCKISTS: If you have any difficulty in obtaining this yarn, please write to King Cole Ltd, Merrie Mills, Old Souls Way, Bingley, W. Yorks BD16 2AX

SIZES

To suit chest 66[71:76]cm.
Finished measurement 76[83:88]cm.
Length 49.5[52:54]cm.
Sleeve seam 41[43:45]cm.
Figures in square brackets [] refer to larger sizes; where there is only one set of



FAMILY FAI

figures, this applies to all sizes.

MATERIALS

King Cole Anti-Tickle 4 ply.
250g in MC.
150g in A.
150g in B.

GARMENT WEIGHS

345g for size 71cm.

MAIN TENSION

30 sts and 35 rows to 10cm measured over Fair Isle patt (tension dial approx 8.). Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.
Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERNS

Punch cards 1 and 2 before starting to knit.

PATTERN ONE

Using MC and MT-1•, K1 row.
Insert punchcard 1 and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting.
MC+A and MT, K10 rows.
MC+B, K14 rows.
MC+A, K 12[12:14] rows.
Set machine for st st. Using MC and MT-1•, K2 rows.
40[40:42] rows to patt.

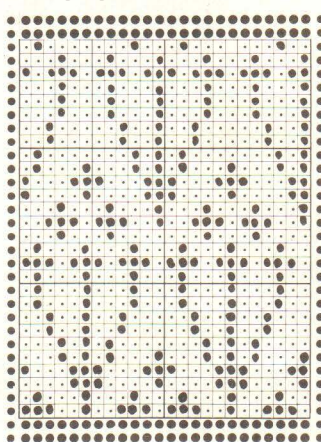
PATTERN TWO

Using B and MT-1•, K1 row.
Insert punchcard 2 and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting.
MC+B and MT, K2 rows.
MC+A, K6 rows.
MC+B, K2 rows.
Set machine for st st. Using B and MT-1•, K2 rows.
14 rows to patt.

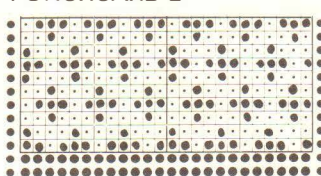
PATTERN THREE

Using MC and MT-1•, K1 row.
Insert punchcard 1 and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting.
MC+B and MT, K10 rows.
MC+A, K14 rows.
MC+B, K 12[12:14] rows.
Set machine for st st. Using MC and MT-1•, K2 rows.
40[40:42] rows to patt.

PUNCHCARD 1



PUNCHCARD 2



PATTERN FOUR

Commencing on first row of punchcard 1. Set carriage for Fair Isle knitting.

MC+A and MT, K10 rows.

* MC+B, K14 rows.

MC+A, K14 rows*.

Rep from * to * throughout.

BACK

With RB in position, set machine for 1x1 rib. Push 58[62:66] Ns at left and right of centre '0' on MB to WP. 116[124:132] Ns. Push corresponding Ns on RB to WP.

Arrange Ns for 1x1 rib.

Using A, cast on and K3 tubular rows.

Set RC at 000. Using MT-5/MT-5, K26 rows. Transfer sts to MB.

Set RC at 000. Work patt 1, commencing punchcard sequence on row 11[1:1]. RC shows 30[40:42].

Work the 14 rows of patt 2. RC shows 44[54:56].

Work the 40[40:42] rows of patt 3 and at the same time, when RC shows 82[88:90], place a marker at each end for start of armholes. K until RC shows 84[94:98].

Work 14 rows of patt 2. RC shows 98[108:112].

Work 40[40:42] rows of patt 1. RC shows 138[148:154].

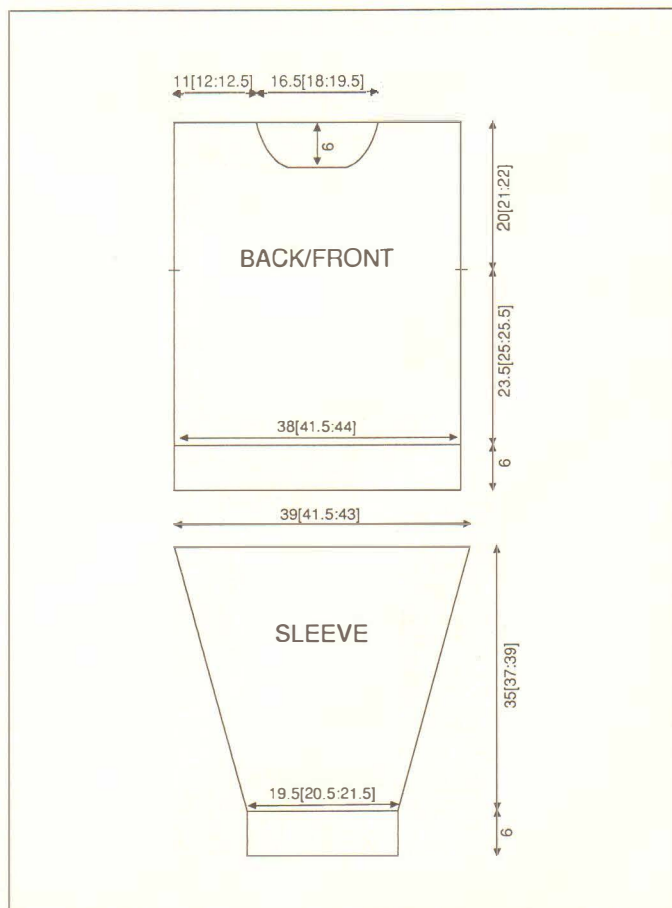
Work the 14 rows of patt 2. RC shows 152[162:168].

Mark the centre 50[54:58] sts for neck.

Cast off loosely.

FRONT

Work as given for back until RC shows 130[140:146]. CAR.



FAIR ISLE



SHAPE NECK

Make a note of position in patt. Using a separate length of yarn, cast off the centre 26[28:30] sts. Using nylon cord, K 45[48:51] sts at left by hand taking Ns down into NWP. Cont on rem 45[48:51] sts at right for first side.

Keeping patt sequence correct as given for back to end, dec 1 st at neck edge on every row, 12[13:14] times. 33[35:37] sts.

K until RC shows 152[162:168]. Cast off loosely.

Unravel nylon cord over rem sts at left. Reset RC at 130[140:146]. Keeping patt sequence correct, complete to correspond with first side, reversing shapings.

SLEEVES

With RB in position, set machine for 1x1 rib. Push 29[31:32] Ns at left and right of centre '0' on MB to WP. 58[62:64] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. CAR.

Using A, cast on and K3 tubular rows. Set RC at 000. Using MT-5/MT-5, K26 rows. Transfer sts to MB.

Set RC at 000. Shape sides and work in patt sequence as follows:

Shape sides by inc 1 st at each end of next and every foll alt row, 8 times in all. K1 row.

Inc 1 st at each end of next and every foll 4th row, 11[13:13] times in all. K3 rows.

Inc 1 st at each end of next

and every foll 6th row, 10[10:11] times in all.

At the same time, at RC 000, work the 14 rows of patt 2. Using MC and MT-1*, K2 rows.

Work in patt 4 until RC shows 106[114:120].

Set machine for st st. Using MC and MT-1*, K2 rows.

Work the 14 rows of patt 2. RC shows 122[130:136]. 116[124:128] sts. Mark the centre st and cast off loosely.

Before cont, block pieces out to correct measurements and steam press.

Join right shoulder seam.

NECKBAND

With RB in position, set machine for 1x1 rib. Push 132[142:150] Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. Using A, cast on and K3 tubular rows.

Set RC at 000. Using MT-4/MT-4, K26 rows. Transfer sts to MB.

With wrong side facing, hang neck edge evenly on to Ns.

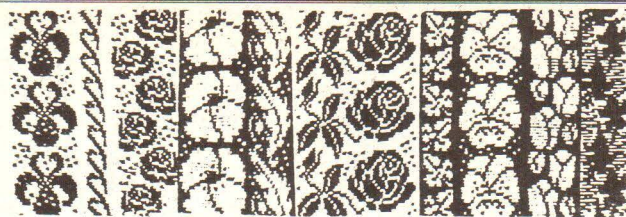
Using MT-1*, K1 row. Cast off loosely.

TO MAKE UP

Join rem shoulder and neckband seam. Fold neckband in half to inside and slip stitch in place.

Sew in sleeves between markers and matching centre marker to shoulder seam.

Join side and sleeve seams.



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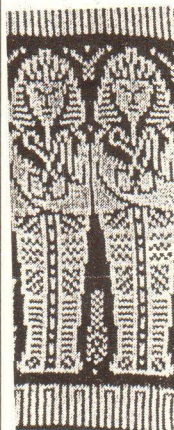
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COUNTRY CA

5 Garter Carriage Two-piece Suit



MACHINES: These instructions are written for standard gauge punchcard or electronic machines with garter carriage but without ribber. We used a Brother 910 with garter carriage
YARN: Forsell DK Wool
FIBRE CONTENT: 100% Wool
COLOUR: We used Light Navy 840 (MY)

STOCKISTS: If you have any difficulty in obtaining this yarn, please write to T. Forsell & Son Ltd, Blaby Road, South Wigston, Leicester LE8 2SG

SIZES JACKET

To suit bust 86[91:96:101:106]cm.
 Finished measurement 104[110:116:122:128]cm.
 Length 72[72:75:75:77]cm.
 Sleeve seam 46cm.

SKIRT

To suit hip 91[96:101:106:111]cm.
 Finished measurement 95[99:104:109:114].
 Length 61cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell DK Wool.
 2 x 500g cones in MY for jacket.
 10 buttons.
 1 x 500g cone in MY for skirt.
 Waist length of elastic.

GARMENT WEIGHS

Jacket: 803g for size 91cm.
Skirt: 414g for size 96cm.

MAIN TENSION

Wash, dry and steam swatch

before measuring.
 25 sts and 31 rows to 10cm measured over garter st patt (tension dial approx 11=MT). Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Side facing away from knitter is used as right side. Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERN

Punch card before starting to knit.
 The punchcard for 1x1 rib is also required.

MYLAR SHEET PATTERN

Fill in mylar sheet before starting to knit.
 The mylar sheet patt for 1x1 rib is also required.

JACKET

BACK

Push 65[69:73:76:80] Ns at left and right of centre '0' to WP. 130[138:146:152:160] Ns. * Attach garter carriage. Using MY and MT-6, cast on. Insert punchcard for 1x1 rib

or insert mylar sheet and program machine for 1x1 rib. Set RC at 000. K21 rows. CAR.

Insert punchcard or program machine for main patt *.

Set RC at 000.

Using MT, K 118[118:128:128:134] rows.

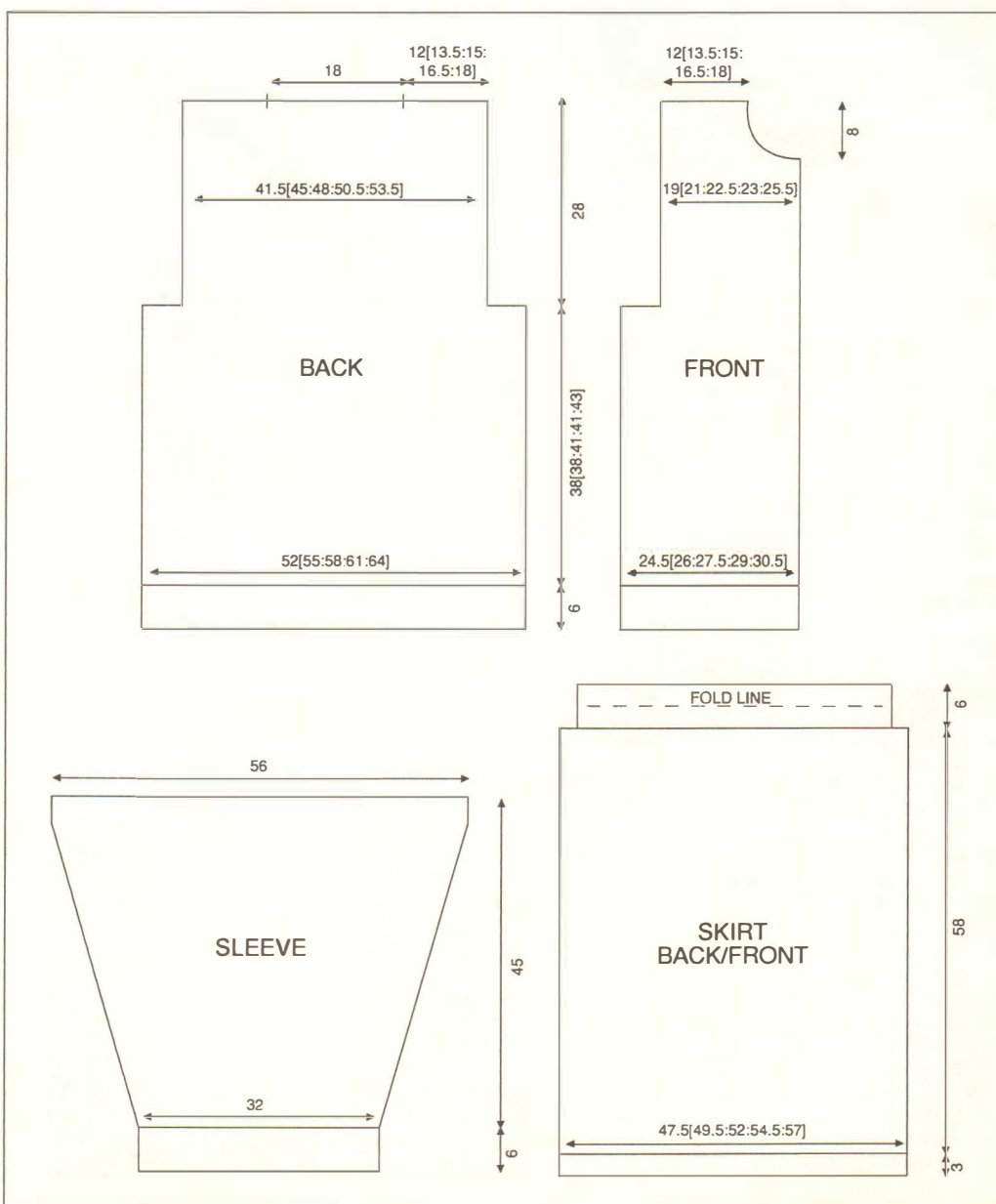
SHAPE ARMHOLES

Cast off 13 sts at beg of next 2 rows. 104[112:120:126:134] sts.

K until RC shows 204[204:214:214:220].

Mark the centre 46 sts for neck.

** Manually K1 row, making long loops and then cast off using latch tool method **.



SUALS

RIGHT FRONT POCKET LINING

Push 15-54[16-55:19-58:21-60:23-62] Ns at right of centre '0' to WP. 40 Ns. Attach garter carriage. Using MY and MT-2, cast on. Insert punchcard or mylar sheet for main patt and program machine.

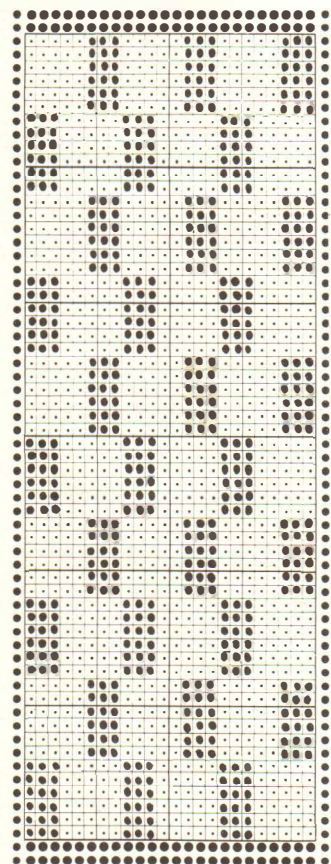
Set RC at 000. Using MT, K50 rows.

Using main carriage and WY, K a few rows and release from machine.

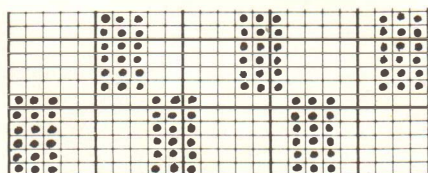
LEFT FRONT POCKET LINING

Work as given for right front

PUNCHCARD PATTERN



ELECTRONIC PATTERN



24 sts x 12 rows

pocket lining, but reversing needle settings.

LEFT FRONT

Push 65[69:73:76:80] Ns at left of centre '0' to WP. Return Ns 4-1 to NWP. Cont over rem 61[65:69:72:76] Ns. Work as given for back from * to *.

Set RC at 000. Using MT, K50 rows.

POCKET

Using WY, manually K5 rows over sts 54-15[55-16:58-19:60-21:62-23] at left of centre '0' and then release these sts from Ns.

With wrong side facing, hang last row of pocket lining on to empty Ns. Remove WY. Cont in patt over all sts.

K until RC shows 119[119:129:129:135]. CAL.

SHAPE ARMHOLE

Cast off 13 sts at beg of next row. 48[52:56:59:63] sts. K until RC shows 180[180:190:190:196]. CAR.

SHAPE NECK

Cast off 4 sts at beg of next row. K1 row.

Cast off 3 sts at beg of next and every foll alt row, 3 times in all. K1 row.

Cast off 2 sts at beg of next row. K1 row.

Dec 1 st at beg of next and every foll alt row, 4 times in all. 29[33:37:40:44] sts.

K until RC shows 204[204:214:214:220].

Work as given for back from ** to **.

RIGHT FRONT

Work as given for left front, reversing needle settings and shapings. Shape armhole when RC shows 118[118:128:128:134] and shape neck when RC shows 181[181:191:191:197].

SLEEVES

Push 40 Ns at left and right



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of centre '0' to WP. 80 Ns. Work as given for back from * to *.

Set RC at 000. Using MT, shape sides by inc 1 st at each end on every foll 5th row, 4 times and then on every foll 4th row, 26 times. 140 sts.

K until RC shows 140. Mark centre st.

Work as given for back from ** to **.

NECKBAND

Join both shoulder seams. Push 118 Ns to WP. Attach garter carriage. Using MY and MT-2, cast on. Insert punchcard for 1x1 rib or insert mylar sheet and program machine for 1x1 rib.

Set RC at 000. Using MT-6, K25 rows.

Attach main carriage. Using MY and T10+, K1 row.

With wrong side facing, hang neck edge evenly on to Ns. Work as given for back from ** to **.

POCKET TOP (KNIT TWO)

Push 40 Ns to WP. Attach garter carriage. Using MY and MT-6, cast on.

Insert punchcard for 1x1 rib or insert mylar sheet and program machine for 1x1 rib. Set RC at 000. K11 rows. Using main carriage with MY and T10+, K1 row. With wrong side facing, hang sts held on WY at pocket opening on to Ns. Remove WY.

Work as given for back from ** to **.

BUTTONHOLE BAND

Note: Keep careful count of rows, resetting RC as necessary after completing each buttonhole. Return carriage to the right side of machine each time a buttonhole is finished, breaking yarn and rethreading as required. Check carriage direction before knitting the next row.

Push 18 Ns to WP. Attach garter carriage at right. Using MY and MT-6, cast on. Insert punchcard for 1x1 rib or insert mylar sheet and program machine for 1x1 rib. Set RC at 000. K4 rows.

*** Make a note of RC count. Disconnect RC. Using nylon cord, K9 sts at opposite side to carriage by hand taking Ns down into NWP. K5 rows over rem 9 sts.

Break yarn leaving end long enough to darn in later. Unravel nylon cord over sts bringing Ns back into WP. Using nylon cord, K the other 9 sts by hand taking Ns down into NWP. K5 rows over sts to complete buttonhole. Break yarn if

necessary and return garter carriage to right. Reset RC at noted count plus 5 ***. K until position of next buttonhole and rep from *** to ***. Make buttonhole when RC shows 27, 50, 73, 96, 119, 142, 165, 188 and 211.10 buttonholes in all have been made.

K until RC shows 220. Cast off.

BUTTON BAND

Work as given for buttonhole band, omitting buttonholes.

TO MAKE UP

Fold neckband in half to inside and slip stitch in place.

Sew pocket linings and tops neatly in place.

Sew in sleeves matching centre marker to shoulder seam.

Join side and sleeve seams. Attach button and buttonhole bands. Finish buttonholes. Sew on buttons.

Wash garment. Pull to correct shape and size, smooth flat on to a towel and leave to dry.

Steam. Do not allow iron to touch fabric as this will destroy the texture.

SKIRT

BACK AND FRONT ALIKE

Push 60[62:65:68:71] Ns at left and right of centre '0' to WP. 120[124:130:136:142] Ns. Attach garter carriage. Using MY and MT-4, cast on. Insert punchcard for 1x1 rib or insert mylar sheet and program machine for 1x1 rib. Set RC at 000. K17 rows.

Insert punchcard for main patt or program machine for main patt. Set RC at 000. Using MT, K180 rows.

Lengthen or shorten skirt at this point by adding or subtracting 3 rows per cm.

WAISTBAND

Transfer evenly 4th st on to adjacent N. Return empty Ns to NWP.

Set RC at 000. Using main carriage with MY and T10+, K21 rows. Return intermediate Ns to WP. Manually K1 row, making large loops and taking a length of yarn back on all empty Ns. Cast off using latch tool method.

TO MAKE UP

Join side seams. Fold waistband in half to inside and slip stitch in place leaving an opening for elastic. Thread elastic through waistband and secure. Close opening. Wash skirt. Pull to correct size and shape, smooth flat on to a towel and leave to dry. Steam, do not allow iron to touch fabric.





Sample 1



Sample 2



Sample 3

VERTICAL STRIPES

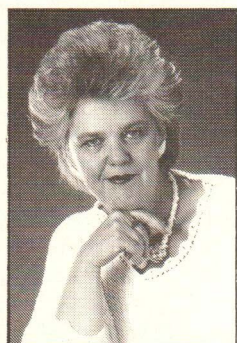
There are some neat touches around on otherwise plain garments at the moment, featuring vertically striped welts. For mock ribs, we can copy the look quite easily as shown in Samples 1 and 2. Both welts were worked using Fair Isle. The narrow stripes were knitted over a 1x1 setting and the wider ones over a 2x1 needle arrangement. You probably have a suitable card for the 1x1 stripes amongst your basic patterns. Diagram 1a shows the punching required with the needle arrangement shown beneath. Because the

Sample 4



Sample 5

How Looks for Mock Rib Welts



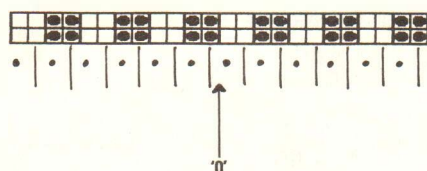
CAROL CHAMBERS

pattern has been punched 'double width' and we are only using alternate needles, it means wherever your centre needle in work is, the pattern will be correct! The only caution when working the Fair Isle is if you have a machine which automatically selects the end needle. This mechanism must be cancelled. If it isn't, then it will take every missing needle as the end of the row and select the next

When working with needles out of work, pulling the knitting lengthwise once it is removed from the machine is essential so that a line gap of thread isn't seen.

one. You will end up with a one colour 1x1 rib instead of a patterned one! For a 2x1 rib we need to look at the needle arrangement in relation to the punched card — as shown in Diagram 1b. In this instance, it is important that you have the correct needle arrangement in relation to the card, or the pattern may not come out exactly as shown. Once again, please remember to cancel any end needle selection for the same

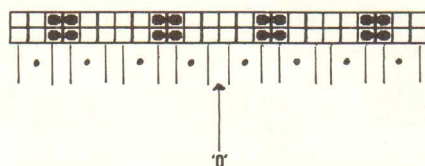
DIAGRAM 1a



| = N in WP

• = N in NWP

DIAGRAM 1b



reason as given for the 1x1 arrangement.

PATTERNING TENSIONS

When working with needles out of work, pulling the knitting lengthwise once it is removed from the machine is essential so that a line gap of thread isn't seen. When working mock rib welts in Fair Isle, there can be quite a bit of give when the work is pulled as the 'slack' from the missing needle and from the floats behind is taken up by the stitch lengthwise. To keep a reasonable tension in such ribs, I usually use a whole number tighter than I might for plain ones. For instance, if my stocking stitch tension

is 6, I would use tension 3 for a plain 1x1 rib and tension 2 for a Fair Isle rib.

INTEREST IN PLAIN WELTS

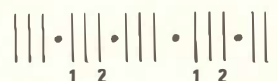
It is quite easy and fashionable to add interest to a plain (coloured) welt and one of the easiest ways to do this in mock rib is by adding a cable design. Sample 3 shows a 3x1 rib (3 needles in work, 1 needle at 'rest' throughout) with cables. I chose the narrow ribbing to keep a ribbed look, but you could use a 4x1 — so you have two sets of two stitches to cable over. Alternatively, you could get carried away with your needle arrangement — a couple of ideas are shown

in Diagram 2b. Sample 3 was quite easy to work. Only alternate lines of three stitches were cabled. There is no need to do this on the underside of the hem — so if your total rows before you turn the hem are 30 (for instance) then the first 14 or 16 can be worked plain and the cabling started after this — unless you will be continuing in a stitch pattern where the purl side is the right side (such as tuck or slip). If you will be continuing with tuck as the main pattern, then work your cable over the first 14 or 16 rows and complete the rest of the rows in plain knitting. In other words, there is no need to put extra effort into that part of the hem which will not be seen! The cables in Sample 3 were worked every sixth row and the two outside stitches of one of the groups of three were crossed — the patterning and needle layout is shown in Diagram 2a.

'PROPER' FAIR ISLE DESIGNS

Working a more complex pattern than a simple stripe is quite straightforward. Patterns are easily found for 1x1 mock ribs — simply

DIAGRAM 2a

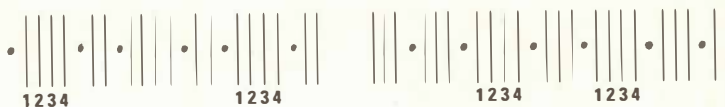


Cross 1 behind 2,
K6 rows.
Rep throughout

New Looks for Mock Rib Welts

select a 12 stitch repeat and punch it double width (electronic owners, choose your pattern and use the double width button). Sample 4 shows a diamond pattern worked on a 1x1 rib hem. I have stopped the patterning a few rows short of the hem turn up, so you see the mock rib more easily, as the Fair Isle patterning doesn't look 'conventionally' ribbed at all! The stitch pattern used is shown in Diagram 3 — as you can see, it doesn't matter how the needles are arranged in relation to the

DIAGRAM 2b



Cross 1 & 2 behind 3 & 4, K6 rows.
Rep throughout

It might seem a bit strange for the continuity of pattern to be 'skipping' a needle position now and then, but it is quite easy to do.

card, provided they are in a 1x1 setting, the patterning will be correct. For a 2x1 rib arrangement you need to be a little more careful about the needle/punchcard relationship. Diagram 4 shows the punchcard for the zig-zag pattern in Sample 5

DIAGRAM 3

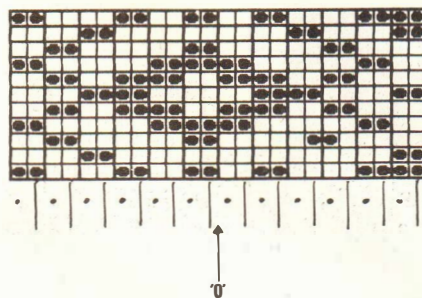
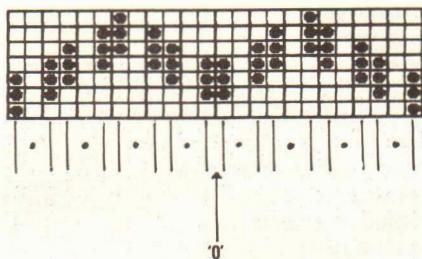


DIAGRAM 4



with the appropriate needle arrangement below it. As you can see, if you don't arrange the needles correctly the pattern will not be continuous across the row — as some of the needles which should be knitting the contrast yarn could be 'missing'.

DESIGNING YOUR OWN FAIR ISLE WELTS

For 1x1 ribs I think you will see it is simply a matter of taking any 12 stitch (for 24 stitch punchcard machines) repeat and punching it double width. For any other needle arrangement you are best planning it on paper first. Put dots on to graph paper to correspond with needles which you want in working position (2x1, 3x1 etc. as desired). Keeping these in view as a reference

point, mark out your Fair Isle pattern above. It might seem a bit strange for the continuity of pattern to be 'skipping' a needle position now and then, but it is quite easy to do. Just make sure you keep the original piece of paper so that you arrange the needles correctly for the finished pattern!

I know from comments received over the years that many single bed owners can feel a bit like the 'poor relation' when it comes to their welts and bands. I hope I have been able to show you that the possibilities for mock ribs can add a far greater garment interest than you had realised. Happy knitting,

Cash

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Mrs Sellers
Colwyn Bay

I run a fortnightly coffee morning for machine knitters where we meet to exchange ideas and discuss problems etc. The following solution to a problem may interest your readers who do not possess a ribber. To eliminate the holes where mock rib changes to the main knitting, before picking up the hem, put the heel of each stitch already on the needles on to the next (empty) needle. Then pick up the stitches from the first row and place on to the same needles. Knit one row at main tension, then continue knitting the rest of the garment.

Whilst enjoying the hints and tips in the December

HINTS & TIPS

*Have you overcome a specific problem?
Share your discovery with other readers and
we'll pay you £5 for your trouble!*

issue I realised this tip may be useful to your readers. When following patterns, I was always told to mark the size you are following. I used to use a pencil and erase later but recently I started using a fade-out fabric marker pen which fades out after about 24 hours and leaves your

Mrs Linda Jones
Neston
Cheshire

With regard to Mrs C K Wilcox's query re: rolling

edges (Please Can You? December 1992). I had this problem with a ribbed jacket I once knitted . I overcame this dilemma by picking up stitches along the rolling edge and knitting about 10-12 rows then tacking it down, (similar to a facing in dressmaking). It worked very well on my cardigan.


**Ann Pearson
Workshop**

When hand tooling on double bed machines, the work often necessitates resting one arm over the top of the machine. This can result in any knitted garment being worn, becoming snagged, causing damage to the garment and possibly to needles.

Now ladies, before throwing out the 'old man's' favourite shirt, cut off the sleeves above the elbow, hem and elasticate the top edge. Slip them on, button up the cuffs and 'hey presto', no more snags.

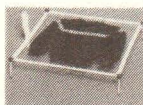
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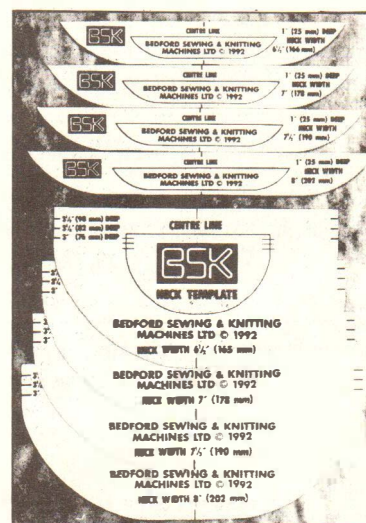
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A HINT FOR CREATION 6 OWNERS

Recently I knitted a children's jumper with two parrots on the front. It was in four colours. But the back and sleeves were knitted in two colours only. This gave a different texture and colour, because of the

'grinthrough'. I hit on the idea of knitting in the neck shapings, and after a proper steaming I could just cut on the line. The computer would not let me download a two colour pattern for a four colour tech. But by putting a single dot in each of the other two

colours on the last row inside the part that was to be cut out, I had a four colour tech but only two colours on show. The top print out is an enlarged section of the back neck with the two extra dots. I hope that it helps other knitters with this problem.

Love your magazine.

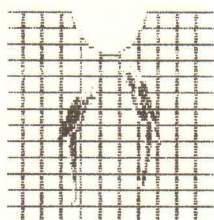
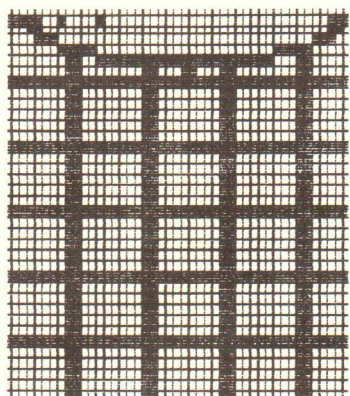
**Leni Turk
Foxton
New Zealand**

PROBLEM SOLVED

Being like all machine knitters, unable to resist a bargain, I had a number of odd cones to use up and was pleased to find a pattern which was just the thing for one of them. The yarn was very fine, and also space-dyed, so simply running two ends together would have spoiled the subtle colour differences which were the major part of its attraction. The solution was to employ the under-used technique of plating, two ends of the yarn just enough to achieve the required tension. Then when starting the

second sleeve it became obvious that I would not have sufficient yarn to finish the garment. No chance of course of getting any more — it had come in one of those bargain bumper bundles — so once again I used plating to solve the problem; instead of the underneath end being the same as the plating yarn for the two sleeves, collar and front band, I used plain white cotton. The garment looked as if it had been meant to be that way; if I see something with just the sleeves or trim in a contrast colour I'm afraid I always think the knitter ran out of yarn! I had never used plating seriously before this, though when going through the manual when I first got the machine I had tried it out, so I too am guilty of neglecting the technique. Not any more though — I'm going to have a go with some of the other odd ends of fine yarn to see what I can make of them.

**Doreen Knight
Durrington
Wilts**



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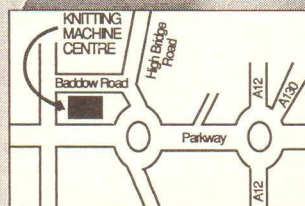
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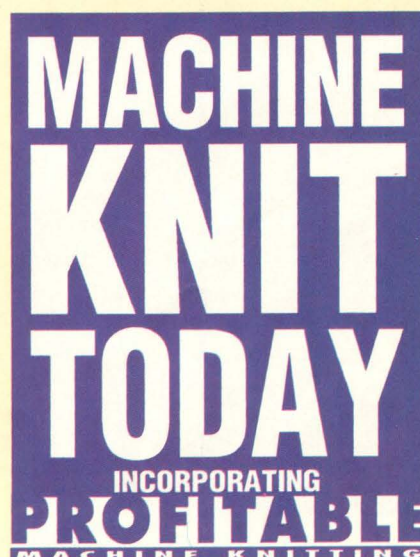
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TWO TIMES TWO



6

Lady's
Cotton
Sweater



MACHINES: These instructions are written for standard gauge punchcard

machines with ribber
MACHINES WITHOUT RIBBER: See page 113

YARN: Many A Mickle 4 ply Soft Cotton

FIBRE CONTENT: 100% Cotton

COLOUR: We used Red (MC) and Marine (C)

STOCKISTS: To obtain this yarn, please write to Many A Mickle, Brier Hey, Mytholmroyd, Hebden Bridge, W. Yorks HX7 5PF

SIZES

To suit bust 81-86[86-91:91-96]cm.

Finished measurement 92[98:104]cm.
Length 67.5[69:70]cm.
Sleeve seam 46.5[47.5:48.5]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Many A Mickle 4 ply Soft Cotton.
1 x 500g cone in MC and C.

GARMENT WEIGHS

634g for size 86-91cm.

MAIN TENSION

Wash, dry and press tension swatch before measuring.
29 sts and 31 rows to 10cm measured over Fair Isle patt (tension dial approx 9).
Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.
Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERN

Punch card before starting to knit.

BACK

With RB in position, set machine for 1x1 rib. Push 67[72:75] Ns at left and right of centre '0' on MB to WP. 134[144:150] Ns.
Push corresponding Ns on RB to WP.

Arrange Ns for 1x1 rib. CAR. Using MC, cast on and K3 tubular rows.
Set RC at 000. Using MT-4•/MT-4•, K29 rows.
Transfer sts to MB.
Insert punchcard and lock on first row. Set machine for patt. Using MT, K1 row. CAR.

Set RC at 000. Release punchcard. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and C in feeder 2/B, work in patt.
K until RC shows 188[192:196]. CAR.

SHAPE NECK

Make a note of row on punchcard. Using nylon cord, K 77[82:85] sts at left by hand taking Ns down into NWP. Cont on rem 57[62:65] sts at right for first side.
Set carriage to hold. K2 rows. Push 10 Ns at neck edge to HP, K2 rows. Push 5 Ns at neck edge to HP, K1 row.

Using nylon cord, K the 15 Ns from HP down into NWP.

SHAPE SHOULDER

Push 11[12:13] Ns at armhole edge to HP, K2 rows, twice.

Push 10[11:12] Ns at armhole edge to HP, K2 rows.

Cancel hold. Release the 42[47:50] shoulder sts on WY.

Unravel nylon cord over

57[62:65] sts at left. Reset punchcard on row previously noted. Reset RC at 188[192:196]. Complete to correspond with first side, reversing shapings.
Unravel nylon cord over rem 50 neck sts. Using WY, K a few rows and release from machine.

FRONT

Work as given for back until RC shows 178[182:186] but reversing punchcard. i.e. turn punchcard over.

SHAPE NECK

CAR. Make a note of row on punchcard. Using nylon cord, K 75[80:83] sts at left by hand taking Ns down into NWP. Cont on rem 59[64:67] sts at right for first side. Set carriage to hold. K2 rows. Push 5 Ns at neck edge to HP, K2 rows.

Push 4 Ns at neck edge to HP, K2 rows.

Push 3 Ns at neck edge to HP, K2 rows.

Push 1 N at neck edge to HP, K1 row, 5 times.

Using nylon cord, K the 17 Ns at neck edge from HP down into NWP. 42[47:50] sts. K until RC shows 193[197:201]. CAL.

SHAPE SHOULDER

With carriage still set to hold, push 11[12:13] Ns to HP at armhole edge, K2 rows, twice.

Push 10[11:12] Ns to HP at armhole edge, K2 rows.

Cancel hold. Release the shoulder sts on WY. Unravel nylon cord over 59[64:67] sts at left. Reset punchcard on row previously noted.

Reset RC at 178[182:186]. Complete to correspond with first side, reversing shapings.

Unravel nylon cord over rem 50 neck sts. Using WY, K a few rows and release from machine.

SLEEVES

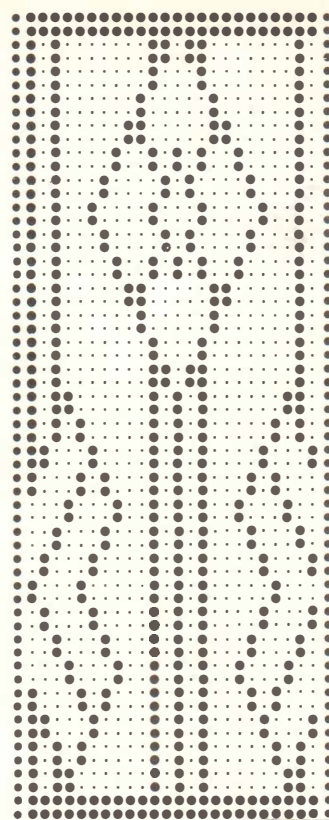
With RB in position, set machine for 1x1 rib. Push 34[35:36] Ns at left and right of centre '0' on MB to WP. 68[70:72] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib.

Using MC, cast on and K3 tubular rows.

Set RC at 000. Using MT-4•/MT-4•, K27 rows. Transfer sts to MB.

Insert punchcard and lock on first row. Set machine for patt. Using MT, K1 row.

Release punchcard. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and C in feeder 2/B, work in patt. Shape sides by inc 1 st at each end of every foll 3rd row, 15[22:22] times and then on every foll 4th row, 19[15:15] times. 136[144:146] sts. K until RC shows 124[128:132]. Mark the centre st. Cast off.



JOIN RIGHT SHOULDER SEAM

Push 42[47:50] Ns to WP. With right side facing, hang back right shoulder sts on to Ns. Remove WY.

With wrong side facing, hang corresponding front shoulder sts on to Ns. Remove WY. Using MC and T10+, K1 row. Cast off.

NECKBAND

With RB in position, set machine for 1x1 rib. Push 124 Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. Using MC, cast on and K3 tubular rows.

Set RC at 000. Using MT-5/MT-5, K3 rows.

Using MT-4•/MT-4•, K3 rows.

Using MT-4/MT-4, K3 rows.

Transfer sts to MB.

With wrong side facing, hang back neck edge over 50 Ns, side neck over 12 Ns, centre front neck over 50 Ns and side neck over rem 12 Ns. Using T10+, K1 row. Cast off.

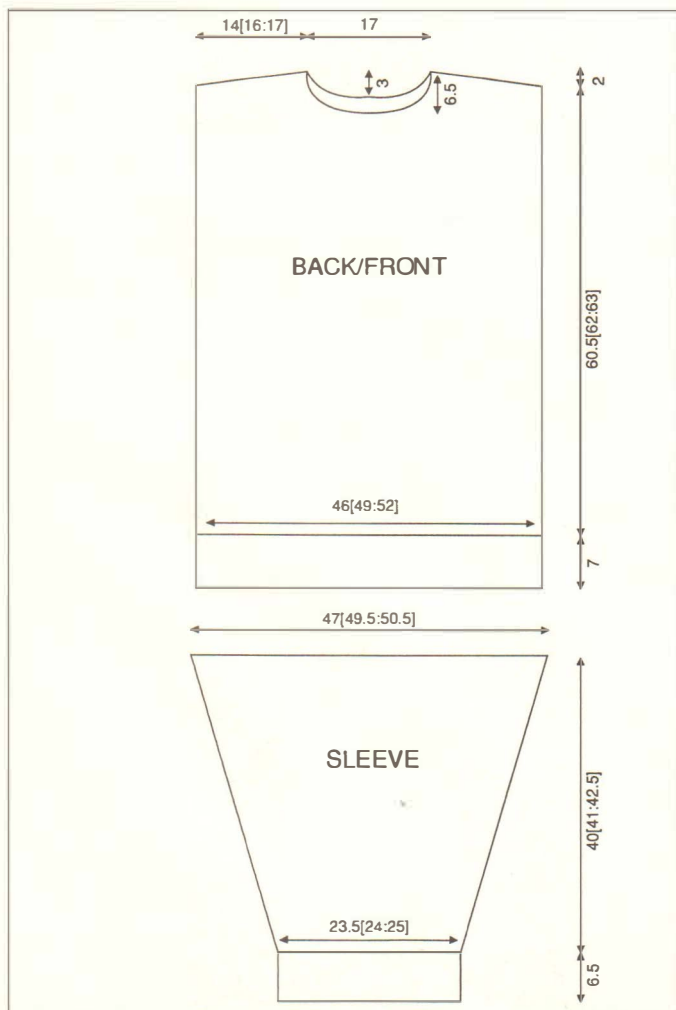
TO MAKE UP

Join left shoulder seam using the same method as before.

Wash and dry pieces. With wrong side facing, block out to correct measurements and steam press.

Sew in sleeves matching centre marker to shoulder seam. Join side and sleeve seams.

Give a final press.



7

Man's
Cotton
Sweater

MACHINES: These instructions are written for standard gauge punchcard machines with ribber

MACHINES WITHOUT RIBBER: See page 113

YARN: Many A Mickle 4 ply Soft Cotton

FIBRE CONTENT: 100% Cotton

COLOUR: We used Marine (MC) and Red (C)

STOCKISTS: To obtain this yarn, please write to Many A Mickle, Brier Hey, Mytholmroyd, Hebden Bridge, W. Yorks HX7 5PF

SIZES

To suit chest 101[106:111:116:121]cm.

Finished measurement 108[114:120:125:131]cm.

Length 72[73:74.5:76:78]cm.

Sleeve seam 52.5[53.5:55:56:57.5]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Many A Mickle 4 ply Soft Cotton.

1 x 600g cone in MC.

1 x 500g cone in C.

GARMENT WEIGHS

747g for size 106cm.

MAIN TENSION

29 sts and 31 rows to 10cm measured over Fair Isle patt (tension dial approx 9).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERN

Punch card as given for Lady's Cotton Sweater, Pattern 6 on page 35 before starting to knit.

BACK

With RB in position, set machine for 1x1 rib. Push 79[83:87:91:95] Ns at left and right of centre '0' on MB to WP. 158[166:174:182:190] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib.

Using MC, cast on and K3 tubular rows.

Set RC at 000. Using MT-4+/MT-4+, K29 rows. Transfer sts to MB.

Insert punchcard and lock on first row. Set machine for patt. Using MT, K1 row.

Set RC at 000. Release punchcard. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and C in feeder 2/B, work in patt.

K until RC shows 196[200:204:208:216]. CAR.

SHAPE NECK

Make a note of row on punchcard. Using nylon cord, K 93[97:101:105:109] sts at left by hand taking Ns down into NWP. Cont on rem 65[69:73:77:81] sts at right for first side.

K2 rows. Set carriage to hold.

Push 12 Ns at neck edge to HP, K2 rows.

Push 4 Ns at neck edge to HP, K1 row. Using nylon cord, K the 16 Ns from HP down into NWP.

Cont over rem 49[53:57:61:65] sts. RC shows 201[205:209:213:221].

SHAPE SHOULDERS

CAL. Push 13[14:15:16:17] Ns at right to HP, K2 rows. Push 12[13:14:15:16] Ns at right to HP, K2 rows, twice. Cancel hold. Using WY, K a few rows over the 49[53:57:61:65] shoulder sts and release from machine.

Unravel nylon cord over 65[69:73:77:81] sts at left. Reset punchcard on row previously noted. Reset RC at 196[200:204:208:216].

Complete to correspond with first side, reversing shapings.

Unravel nylon cord over rem 60 neck sts. Using WY, K a few rows and release from machine.

FRONT

Work as given for back until RC shows 188[192:196:200:204] but reversing punchcard. i.e. turn punchcard over.

SHAPE NECK

CAR. Make a note of row on punchcard. Using nylon cord, K 91[95:99:103:107] sts at left by hand taking Ns down into NWP. Cont on rem 67[71:75:79:83] sts at right for first side.

K2 rows.

Set carriage to hold. Push 6 Ns at neck edge to HP, K2 rows.

Push 5 Ns at neck edge to HP, K2 rows.

Push 4 Ns at neck edge to HP, K2 rows.

Push 1 N at neck edge to HP, K1 row, 3 times.

Using nylon cord, K the 18 Ns from HP down into NWP. Cont over rem 49[53:57:61:65] sts.

K until RC shows 201[205:209:213:221]. CAL.

SHAPE SHOULDER

With carriage still set to hold, push 13[14:15:16:17] Ns at right to HP, K2 rows. Push 12[13:14:15:16] Ns at right to HP, K2 rows, twice. Cancel hold. Release shoulder sts on WY.

Unravel nylon cord over 67[71:75:79:83] sts at left. Reset punchcard on row previously noted.

Reset RC at 188[192:196:200:204].

Complete to correspond with first side, reversing shapings.

Unravel nylon cord over rem 60 neck sts. Using WY, K a few rows and release from machine.

SLEEVES

With RB in position, set machine for 1x1 rib. Push 37[38:39:40:41] Ns at left and right of centre '0' on MB to WP. 74[76:78:80:82] Ns.

Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. CAR.

Using MC, cast on and K3 tubular rows.

Set RC at 000. Using MT-4+/MT-4+, K29 rows. Transfer sts to MB.

Insert punchcard and lock on first row. Set machine for patt.

Using MT, K1 row.

Set RC at 000. Release punchcard. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and C in feeder 2/B, work in patt. Shape sides by inc 1 st at each end of next and every foll 4th row, 35 times in all. 144[146:148:150:152] sts.

K until RC shows 142[146:150:154:158]. Mark the centre st and cast off loosely.

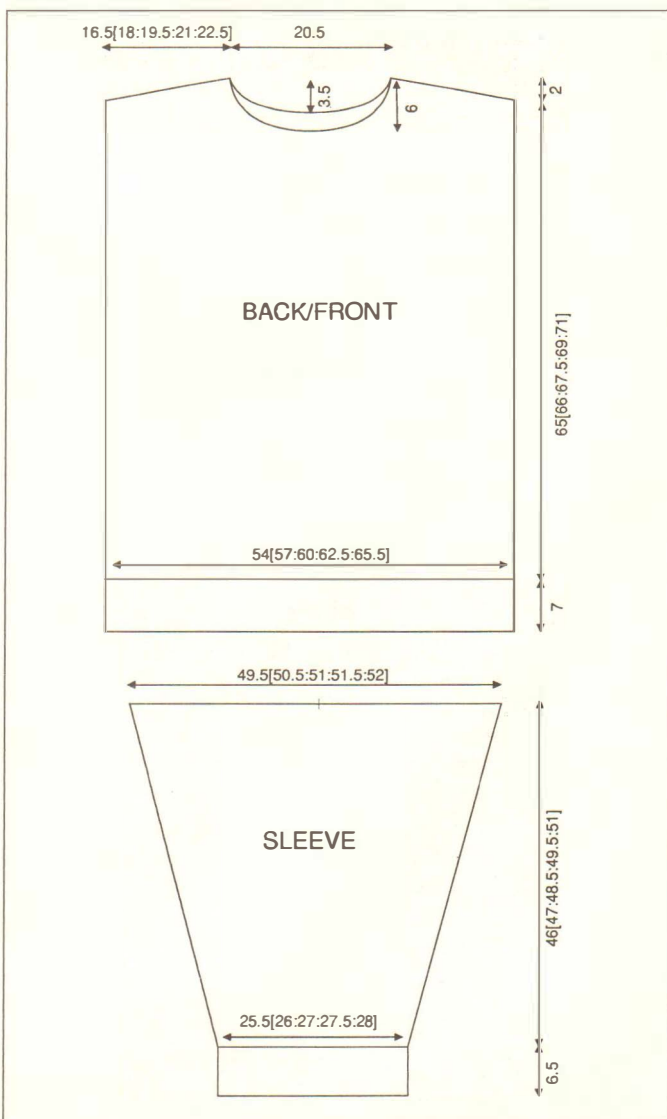
JOIN RIGHT SHOULDER

SEAM

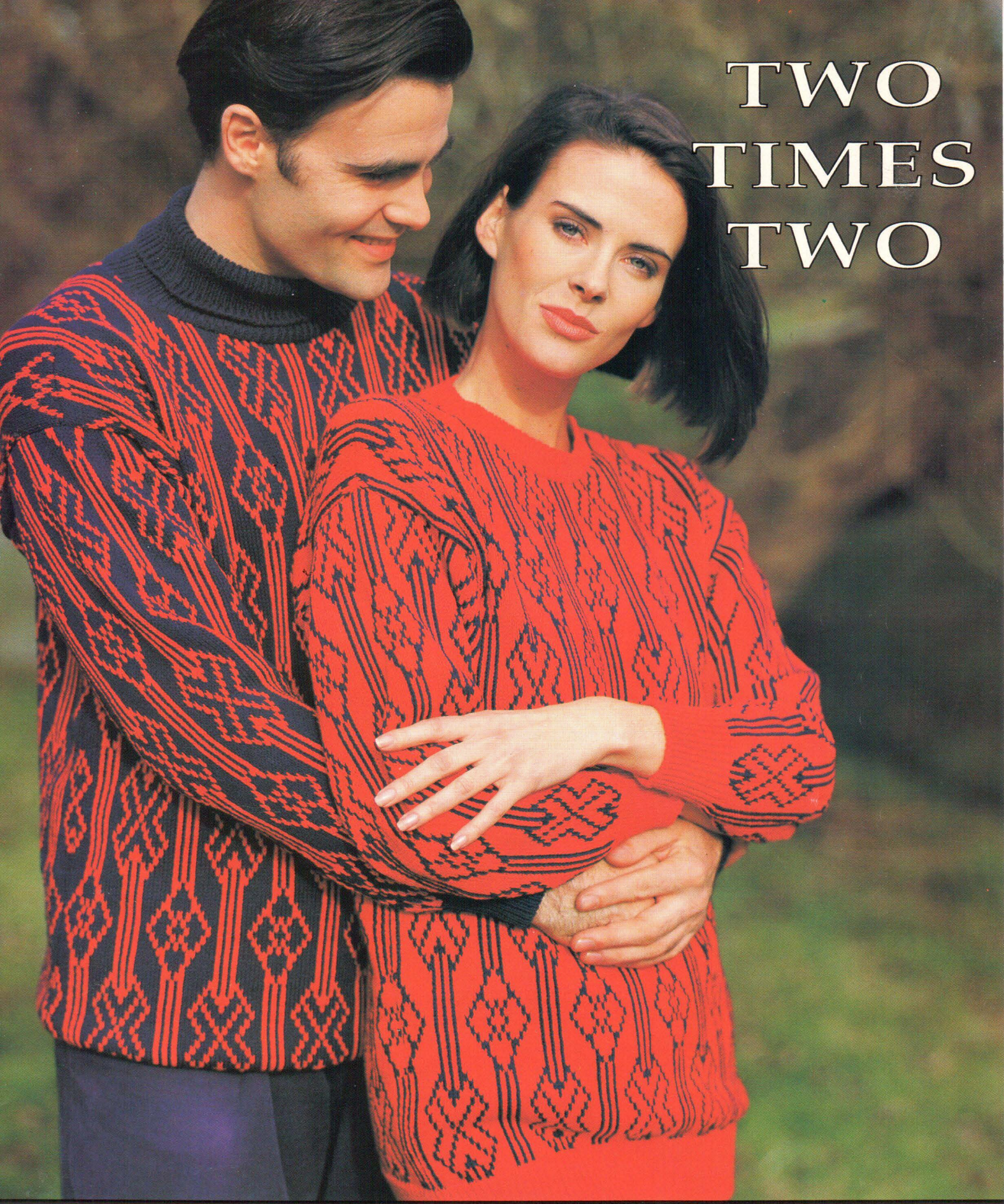
Push 49[53:57:61:65] Ns to WP. With right side facing, hang back right shoulder sts on to Ns. Remove WY.

With wrong side facing, hang corresponding front shoulder sts on to Ns. Remove WY.

Using MC and T10+, K1 row. Cast off loosely.



TWO TIMES TWO



POLO NECKBAND

With RB in position, set machine for 1x1 rib. Push 152 Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. Using MC, cast on and K3 tubular rows.

Set RC at 000. Using MT-4•/MT-4•, K65 rows. Transfer sts to MB. With wrong side facing, hang neck edge evenly on to Ns. Using T10+, K1 row. Cast off loosely.

TO MAKE UP

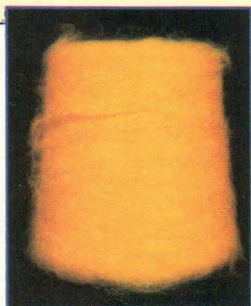
Join left shoulder seam using the same method as before. Join polo neck band seam, reversing half way. Wash and dry pieces. With wrong side facing, block out

to correct measurements and steam press avoiding all rib sections. Sew in sleeves matching centre marker to shoulder seam. Join side and sleeve seams. Give a final press.

YARN OFFER



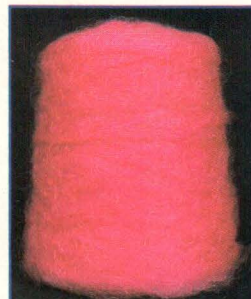
1. PURPLE



2. GOLD



3. CREAM



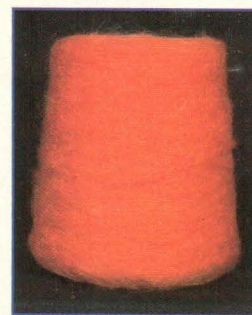
4. MAGENTA



5. GREY



6. BEIGE



7. ORANGE



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MKN 2/93

TWO TIMES

TWO

8

Unisex
Jacquard
Sweater

ILLUSTRATED ON PAGE 40



MACHINES: These instructions are written for standard gauge electronic machines with ribber and double bed colour changer. We used a Brother 940 with accessories

YARN: Forsell 3 ply Sirocco and 2 ply Pure New Wool

FIBRE CONTENT: 3 ply Sirocco is 80% Acrylic, 20% Wool.

2 ply Pure New Wool is 100% Wool

COLOUR: We used 3 ply

Sirocco in Navy (MC) and 2 ply Pure New Wool in Russet (C)

STOCKISTS: If you have any difficulty in obtaining these yarns, please write to T. Forsell & Son Ltd, Blaby Road, South Wigston, Leicester LE8 2SG

SIZES

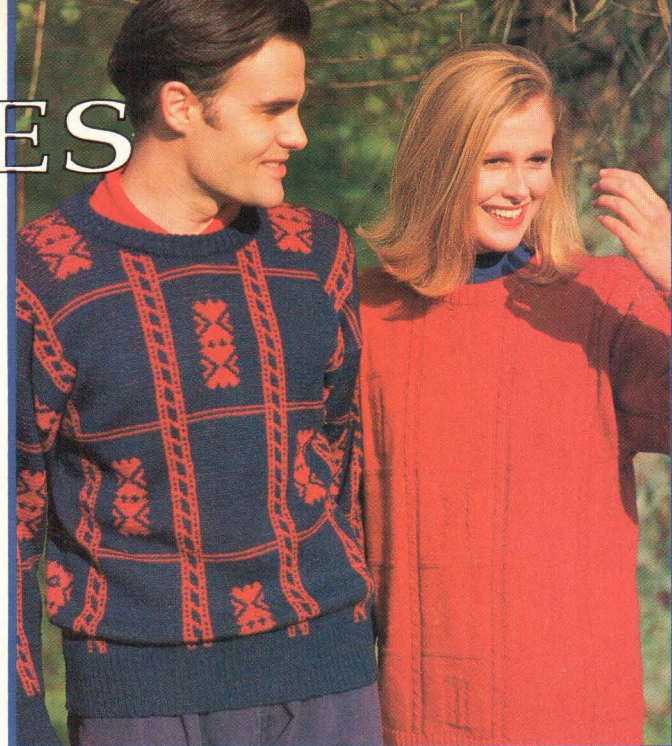
To suit bust/chest 81-86[86-91:91-96:96-101:101-106:106-111:111-116:116-121]cm.

Finished measurement 91[96:101:106:110:116:122:126]cm.

Length 59[59:61:61:69:69:71:71]cm.

Sleeve seam 46[46:48:49:49:51:51:51]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.



MATERIALS

Forsell 3 ply Sirocco. 1[1:1:1:1:1:2:2] x 400g cone in MC.

Forsell 2 ply Pure New Wool. 1 x 250g cone in C.

GARMENT WEIGHTS

408g for size 101-106cm.

MAIN TENSION

Wash, dry and steam

tension swatch before measuring.

31 sts and 64 rows to 10cm measured over Jacquard patt (tension dial approx 3/3).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

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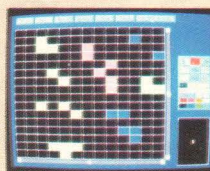
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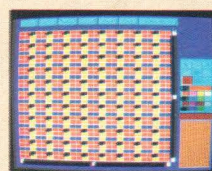
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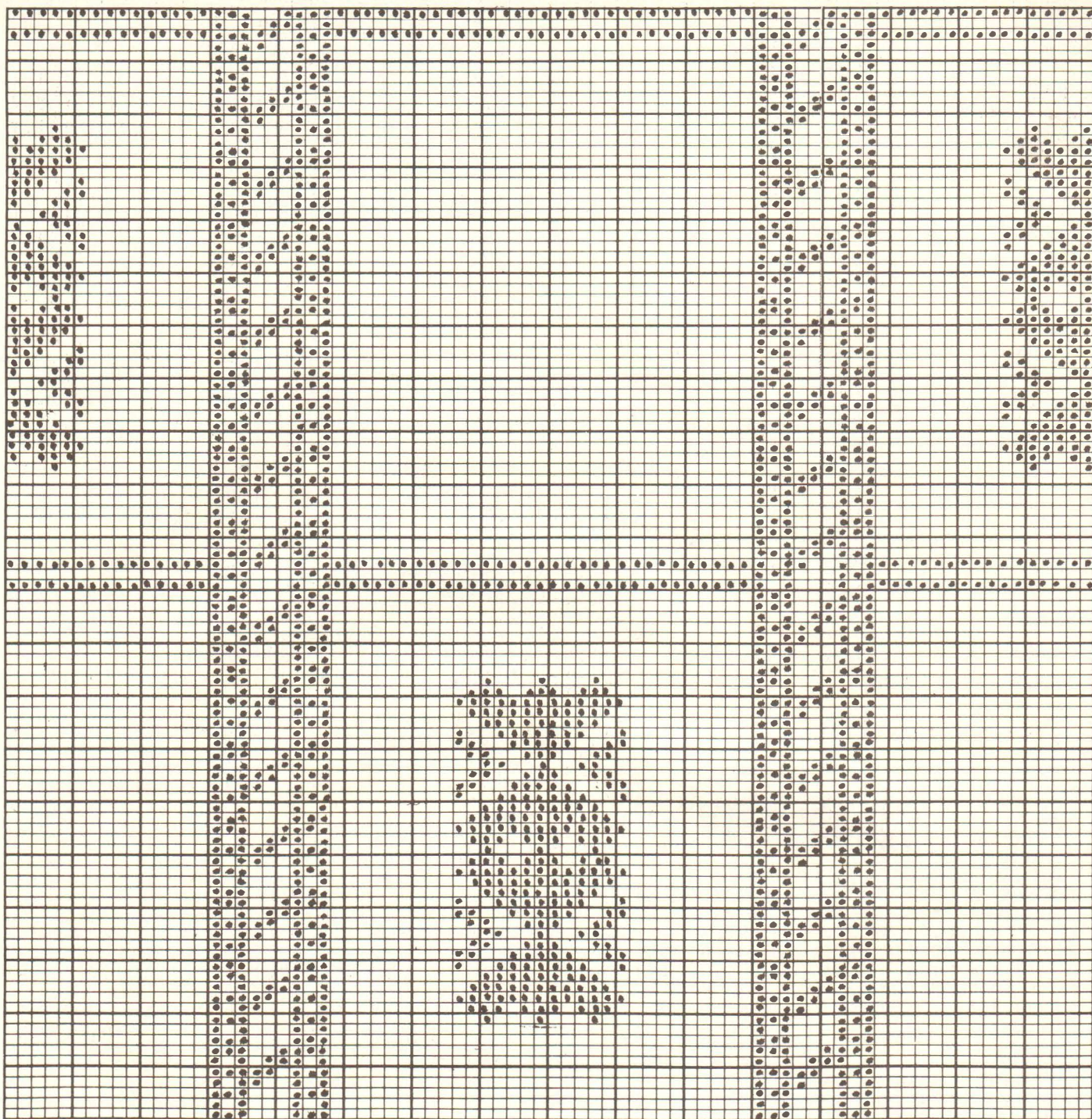
8

Unisex
Jacquard
Sweater

9

Unisex
Garter
Stitch
Sweater

see page 42 for instructions



NOTE

All st counts refer to MB only. Inc, dec, cast on or off corresponding RB sts as required.

When inc on sleeves, hang a claw weight at each end of work and move up approx every 20 rows.

Measurements given are those of finished garment and should not be used to measure work on the machine.

JACQUARD PATTERN

Foll instructions given in

your machine manual, program machine for Jacquard patt using patt sheet given.

Using MC, K2 rows.

Using C, K2 rows.

Rep throughout.

BACK

With RB in position, set machine for 2x1 rib. Push 72[75:79:82:86:90:95:98] Ns at left and right of centre '0' on MB to WP. 142[150:158:164:172:180:190:196] Ns. Push corresponding Ns on RB to WP.

Arrange Ns for 2x1 rib.

Using MC, cast on and K3 tubular rows.

Set RC at 000. Using MT-1/MT-1*, K40 rows.

Bring intermediate Ns on both beds to WP. K2 tubular rows.

Program machine for Jacquard patt.

Set RC at 000.

Using MT/MT, work in patt. K until RC shows 328[328:340:340:390:392:404:404].

Transfer sts to MB. Using MC and MT+4, K1 row.

Cast off loosely.

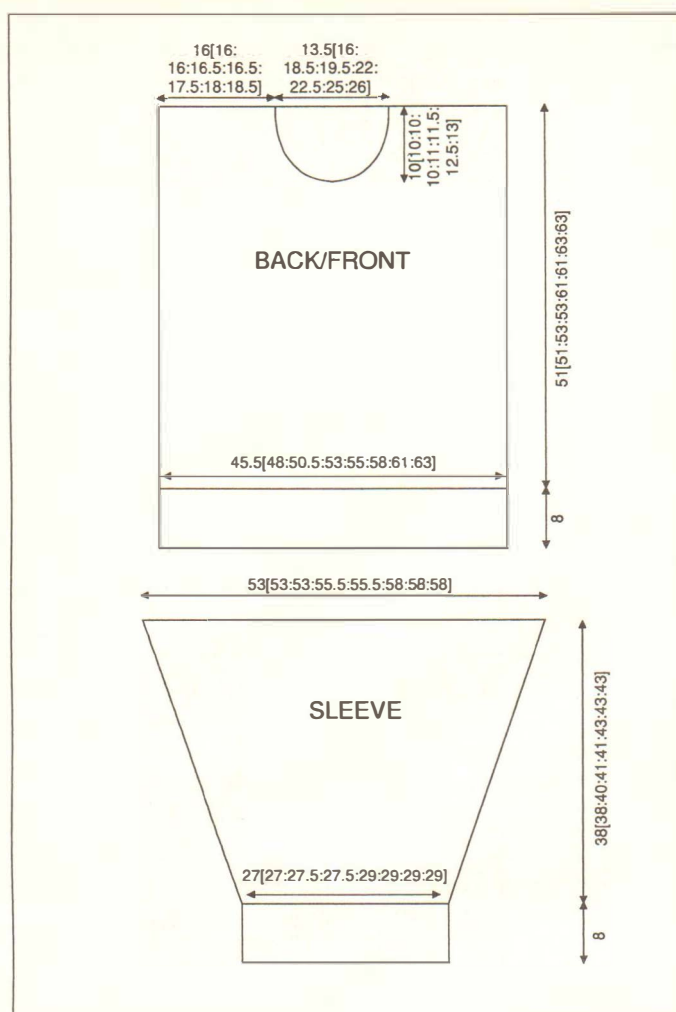
FRONT

Work as given for back until RC shows 264[264:276:276:320:318:322:320].

SHAPE NECK

Make a note of position in patt. Using a separate length of MC, cast off the centre 18[18:20:20:22:22:24:24] sts. Hold sts on both beds at opposite side to carriage. Cont on rem sts at carriage side.

Dec 1 st at neck edge on next and every foll 4th[4th:3rd:3rd:3rd:3rd:3rd] row, 12[16:19:20:23:24:27:



28] times. 50[50:50:52:52:55:56:58] sts.
K until RC shows 328[328:340:340:390:392:404:404].
Transfer sts to MB. Using MC and MT+4, K1 row. Cast off loosely.
Reset RC at 264[264:276:276:320:318:322:320]. Starting at correct position in patt, complete rem side to correspond, reversing shapings.

SLEEVES

With RB in position, set machine for 2x1 rib. Push 42[42:43:43:45:45:45] Ns at left and right of centre '0' on MB to WP. 84[84:86:86:90:90:90] Ns.
Push corresponding Ns on RB to WP. Arrange Ns for 2x1 rib.
Using MC, cast on and K3 tubular rows.
Set RC at 000. Using MT-1/MT-1, K40 rows.
Bring intermediate Ns on both beds to WP. K2 tubular rows.
Program machine for Jacquard patt. Set RC at 000. Using MT/MT, work in patt.
Shape sides by inc 1 st at each end of next and every foll 6th row, 40[40:39:43:41:45:45:45] times. 164[164:164:172:172:180:180:180] sts.
K until RC shows 244[244:256:264:264:276:276:276]. Mark centre st.

Transfer sts to MB. Using MC and MT+4, K1 row. Cast off loosely.

NECKBAND

With RB in position, set machine for 2x1 rib. Push 143[143:146:146:156:156:162:162] Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 2x1 rib.
Using MC, cast on and K3 tubular rows.
Set RC at 000.
Using MT-1/MT-1, K30 rows.
Transfer sts to MB. Using MT, K2 rows.
Using WY, K a few rows and release from machine.

TO MAKE UP

Wash and dry pieces. With wrong side facing, block pieces out to correct measurements and steam. Avoid rib sections and do not allow iron to touch the fabric.
Join shoulder seams.
Join neckband seam. Pin neckband in place to right side of neck edge. Backstitch through open loops of last row worked in MC. Remove WY. Fold neckband in half to inside and slip stitch in place.
Sew in sleeves matching centre marker to shoulder seam.
Join side and sleeve seams.

9 Unisex Garter Stitch Sweater

ILLUSTRATED ON PAGE 40



MACHINES: These instructions are written for standard gauge electronic machines with ribber and garter carriage. We used a Brother 940 with accessories.

MACHINES WITHOUT RIBBER: Use garter carriage to knit ribs

YARN: Forsell 2 ply Pure New Wool used double throughout

FIBRE CONTENT: 100% Wool

COLOUR: We used Russet (MY)

STOCKISTS: If you have any difficulty in obtaining this yarn, please write to T. Forsell & Son Ltd, Blaby Road, South Wigston, Leicester LE8 2SG

SIZES

To suit bust/chest 81-86[86-91:91-96:96-101:101-106:106-111:111-116]cm.
Finished measurement 91[96:101:106:110:116:125]cm.
Length 59[59:61:61:69:69:71]cm.
Sleeve seam 46[46:48:49:49:51:51]cm.
Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell 2 ply Pure New Wool. 2[2:2:2:2:3:3] x 250g cones in MY.

GARMENT WEIGHS

461g for size 101-106cm.

MAIN TENSION

Wash, dry and lightly steam tension swatch before measuring.
32 sts and 46 rows to 10cm measured over garter st patt (tension dial approx 7).
Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Yarn is used double throughout.

Measurements given are those of finished garment and should not be used to measure work on the machine.

GARTER STITCH PATTERN

Use the same patt sheet as given for Unisex Jacquard Sweater, Pattern 8 on page 41.

BACK

With RB in position, set machine for 2x1 rib. Push 73[77:81:85:88:93:100] Ns at left and right of centre '0' on MB to WP. 146[154:162:170:176:186:200] Ns.
Push corresponding Ns on RB to WP. Arrange Ns for 2x1 rib.
Using MY, cast on and K3 tubular rows.
Set RC at 000. Using MT-5/MT-5, K34 rows.
Transfer sts to MB.
Attach garter carriage at right. Program machine for patt. Set RC at 000. Using MT, work in garter st patt.
K 236[236:244:244:282:282:290] rows.
Using T10, K1 row. Cast off with garter carriage.

FRONT

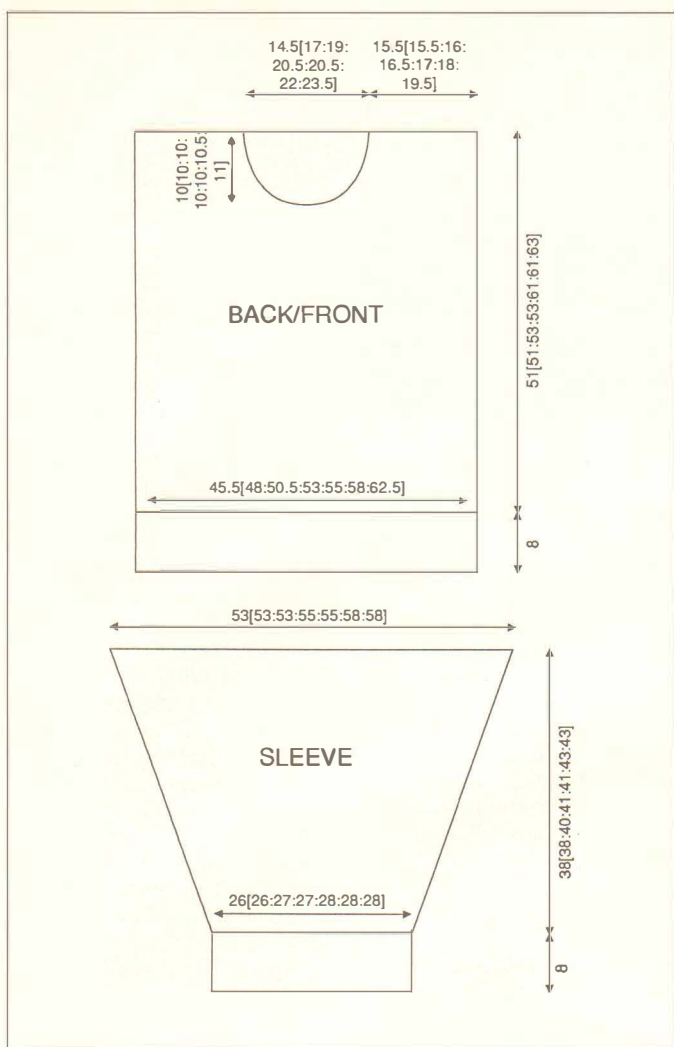
Work as given for back until RC shows 190[190:198:198:236:234:240]. CAR.

SHAPE NECK

Make a note of position in patt. Using a separate length of MY, cast off the centre 18[18:20:20:20:22:26] sts.
Using nylon cord, K 64[68:71:75:78:82:87] sts at left by hand taking Ns down into NWP. Cont on rem 64[68:71:75:78:82:87] sts at right for first side.
Dec 1 st at neck edge on next and every foll 3rd[alt: alt:alt:alt:alt] row, 14[18:19:23:23:24:25] times.
50[50:52:52:55:58:62] sts.
K until RC shows 236[236:244:244:282:282:290]. Using T10, K1 row. Cast off using garter carriage.
Unravel nylon cord over sts at left. Reset RC at 190[190:198:198:236:234:240]. Starting at correct position in patt, complete to correspond with first side, reversing shapings.

SLEEVES

With RB in position, set machine for 2x1 rib. Push 42[42:43:43:45:45:45] Ns at left and right of centre '0' on MB to WP. 84[84:86:86:90:90:90] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. Using MY, cast on and K3 tubular rows.
Set RC at 000. Using MT-5/MT-5, K34 rows. Transfer sts to MB.
Attach garter carriage at right. Program machine for patt. Set RC at 000. Using MT, work in garter st patt.



Shape sides by inc 1 st at each end of every foll 4th row, 43[43:42:45:43:48:48] times. 170[170:170:176:176:186:186] sts. K until RC shows 176[176:184:190:190:198:198]. Mark the centre st. Using T10, K1 row. Cast off using garter carriage.

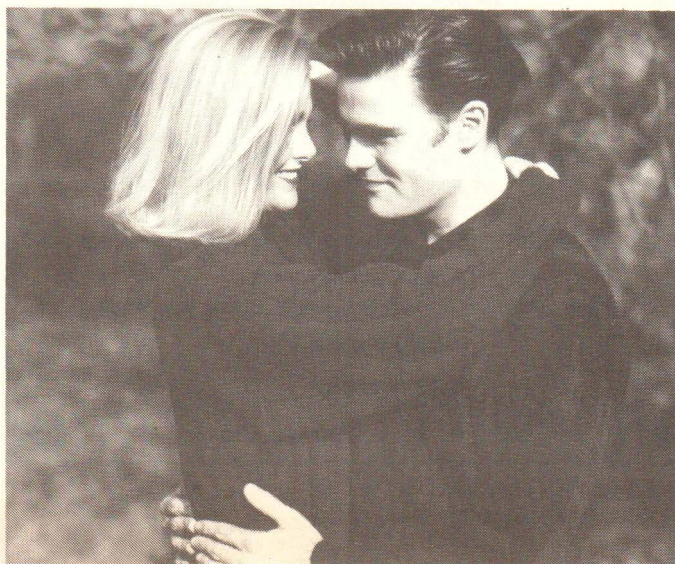
NECKBAND

With RB in position, set machine for 2x1 rib. Push 140[140:144:144:146:146:154] Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. Using MY, cast on and K3 tubular rows. Set RC at 000. Using MT-5/MT-5, K30 rows. Transfer sts to MB.

Using MT, K2 rows. Using WY, K a few rows and release from machine.

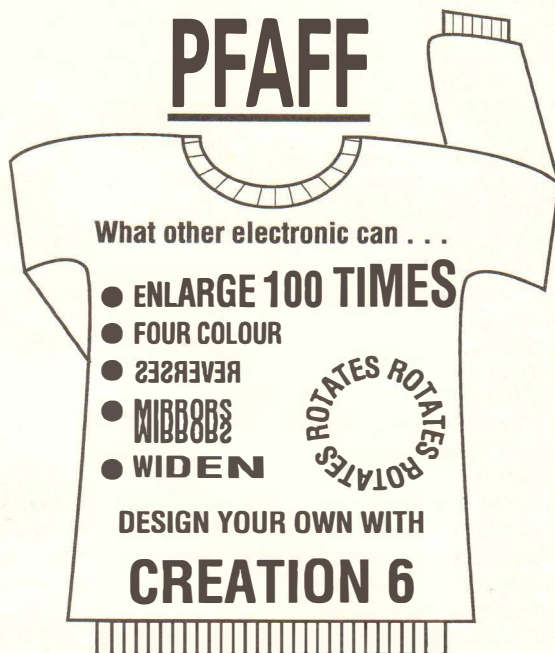
TO MAKE UP

Wash and dry pieces. Block out to correct measurements and lightly steam avoiding rib sections. Join shoulder seams. Join neckband seam. Pin neckband in position to right side of garment. Backstitch in place through open loops of last row worked in MY. Remove WY. Fold neckband in half to inside and slip stitch in place. Sew in sleeves matching centre marker to shoulder seam. Join side and sleeve seams.



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letters

Dear Editor

I read with interest John Allen's feature in the December issue of *MKN*, when he mentioned making buttons and beads from Fimo. I have been experimenting with this for a few months and at the moment my family are 'testing' buttons on various garments to see how they stand up to 'wash and wear'!

I am pleased to say everything is going well so far. John Allen mentioned a book *The New Clay*, would it be possible for you to send me the name of the author and publisher so that I can order it? It would be a great help to get some guidance and hopefully give me enough confidence to use my buttons on the garments I sell.

I have also made some successful beads so you

Are you an experienced machine knitter or an absolute beginner? Do you have a funny story to tell us or a tale of woe? If your anecdote raises a smile or helps out another machine knitter, we'll pay you £5!

can see I am really hooked on Fimo. Any chance of an article on button and bead making in the magazine? It's great fun to do.

Freda Strongman
Redruth
Cornwall
Read on...ED

Dear Editor

I've just bought a copy of *MKN* December, and note in Letter from America that the book *The New Clay* is mentioned. I'd like to point out that we import this book from the publishers (in small quantities) because my hand spinning

customers have even greater problems finding suitable buttons! It's a wonderful book, with fabulous photography BUT, I must point out that it's mainly 'arty', elaborate pieces and there's only a page and a half devoted to buttons.

It's also expensive, £22 to £24 depending on currency rates at time of invoicing. I would be pleased to supply your readers.

Jill Halmshaw
Tynsell Handspinners
53 Cross Green Road
Dalton
Huddersfield HD5 9XX
Tel: 0484 534273

Dear Editor

I write to thank you for picking out my entry as the winner in the August issue Many A Mickle Yarn Competition. It shows that persistence pays in the end as I have been entering your competitions for years without any previous success.

Therefore imagine my surprise to receive a phone call from David at Many A Mickle informing me of my win.

As Many A Mickle is only a few miles from my home I have been going there for yarn for a few years and have always found David and Gary and their staff very helpful and friendly and it will be a pleasure choosing my prize yarn there.

Marjorie Hargrave
Halifax

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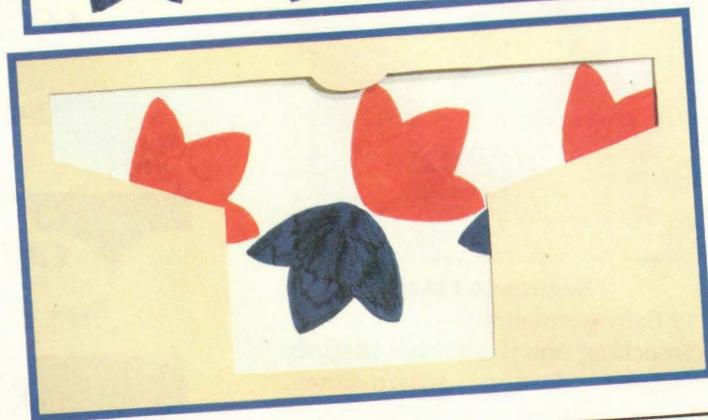
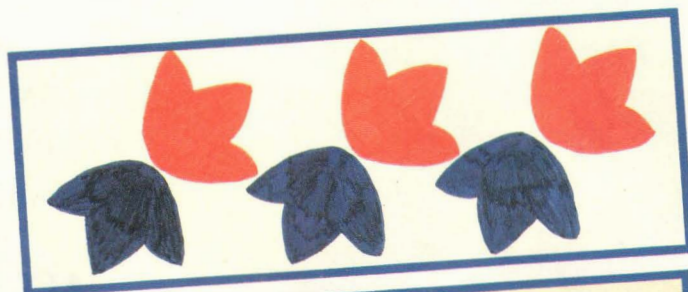
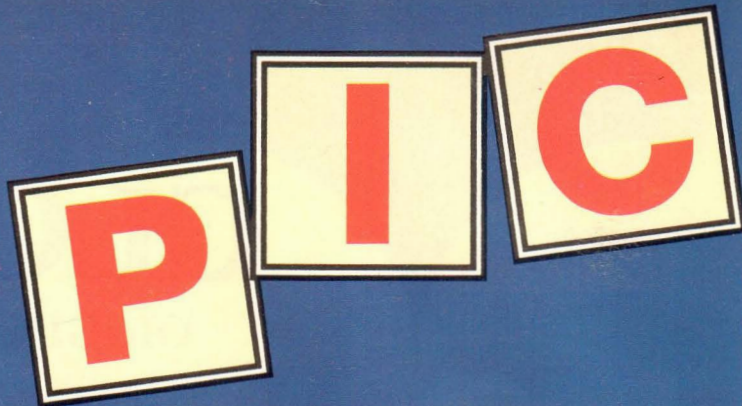
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ALWAYS WELCOME



Task 1

Intarsia is one technique that I always find new knitters are keen to learn how to do. With so many lovely designs available it isn't surprising really that these garments are so popular. However, you may think that creating your own Intarsia design would be rather a daunting task (especially if you have the pictorial type in mind). It needn't be and this month I will try to dispel your fears and hopefully show you some 'fun' ways to develop ideas. I will focus on abstract designs and leave you to consider choices of yarns and colour schemes. Do not worry that the ideas will call for artistic ability that you feel you haven't got or for expensive art materials. Cut-out cardboard shapes are used for templates (or try patchwork templates you can buy in craft shops) and felt tips or crayons are all you need for experimenting with colours. What could be simpler!

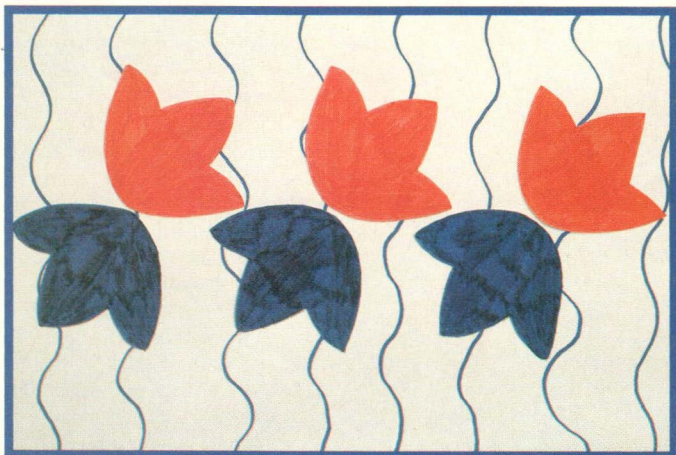
Once you have found a design you are happy with, the next step is to consider where and how to use it on garment pieces. A simple garment style will involve the minimum of shaping allowing you to concentrate on the Intarsia knitting itself. Transferring your design on paper into a full scale pattern will involve using either stitch related graph paper or one of the design boards intended for just such techniques. To give you an idea of how the designs will look on a garment shape I have drawn a jumper on paper and then cut it out leaving a hole for the design to show through. I find this does work quite well as long as you remember the final scale of the design (small squares on paper may not turn out as you expected when enlarged to size in relation to the garment). The other interesting thing about these ways of developing ideas is that they can also be used to create

T U R E

DESIGN LINE

this

Task 2



Fair Isle designs for punchcard or mylar sheets or even shapes to appliqué. Remember, too, that Intarsia can also be combined with many of the other techniques I have looked at in Design Line over the months such as rouleau cords, quilting, embroidery etc. So look through your back copies of *MKN* to refresh your memory and

see if any ideas could enhance your Intarsia designs. I hope you enjoy experimenting but don't get too carried away — remember you have to knit it!

TASK 1 (simple leaf or flower shape). Draw round a cardboard template and arrange the

This month Jill Murray shows some very interesting patterns and textures suitable for Intarsia knitting

More Intarsia designs can be found on pages 100 and 106, and don't forget the latest Collection featuring Intarsia on sale now

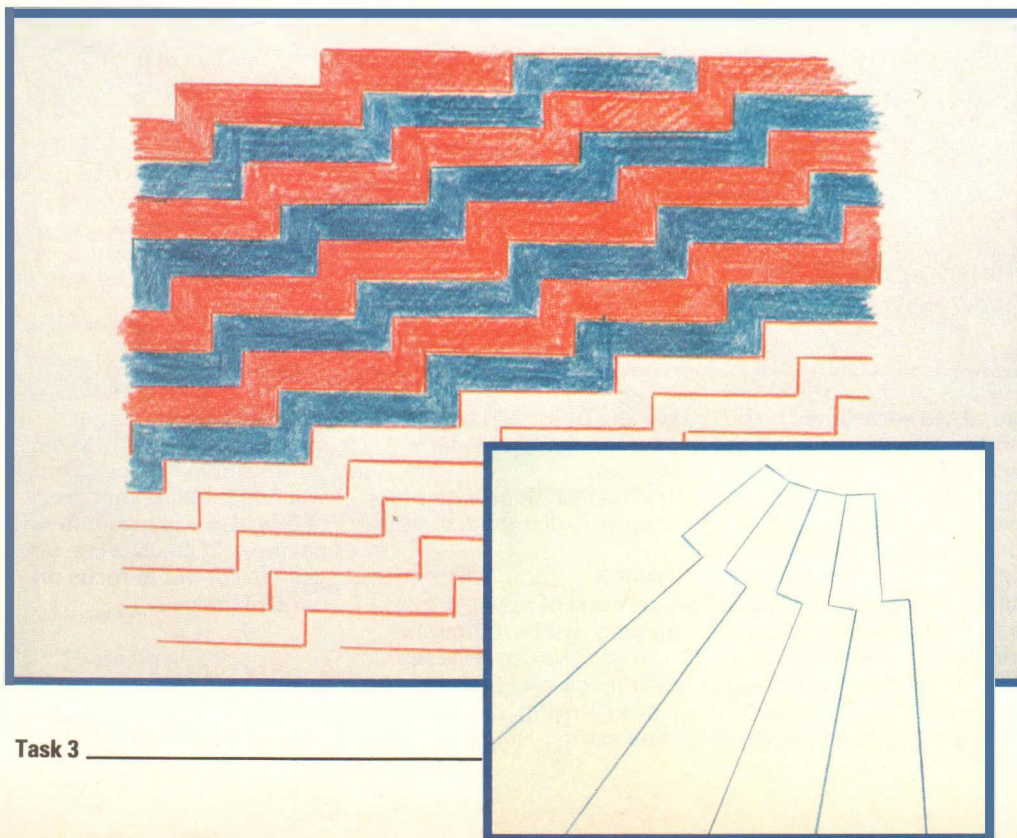
shapes as shown here in a regular pattern or try a more 'haphazard' arrangement. Play around with the jumper cut-out to find a position over the design that appeals to you.

TASK 2

The same design as Task 1 but with added freehand background lines to make the design 'busier'. The areas between the lines could be used to introduce more colours in vertical lines or a patchwork effect, should you be feeling even more adventurous. Adding a background can often liven up a simple design but usually works best when you keep to a theme, for example, squares/straight lines, curved shapes with curved lines.

TASK 3

Can you guess where this design comes from? It was taken from a rubbing of a trainer sole. Take a look at the shoes in your house and you may be surprised at the patterns you have missed before!

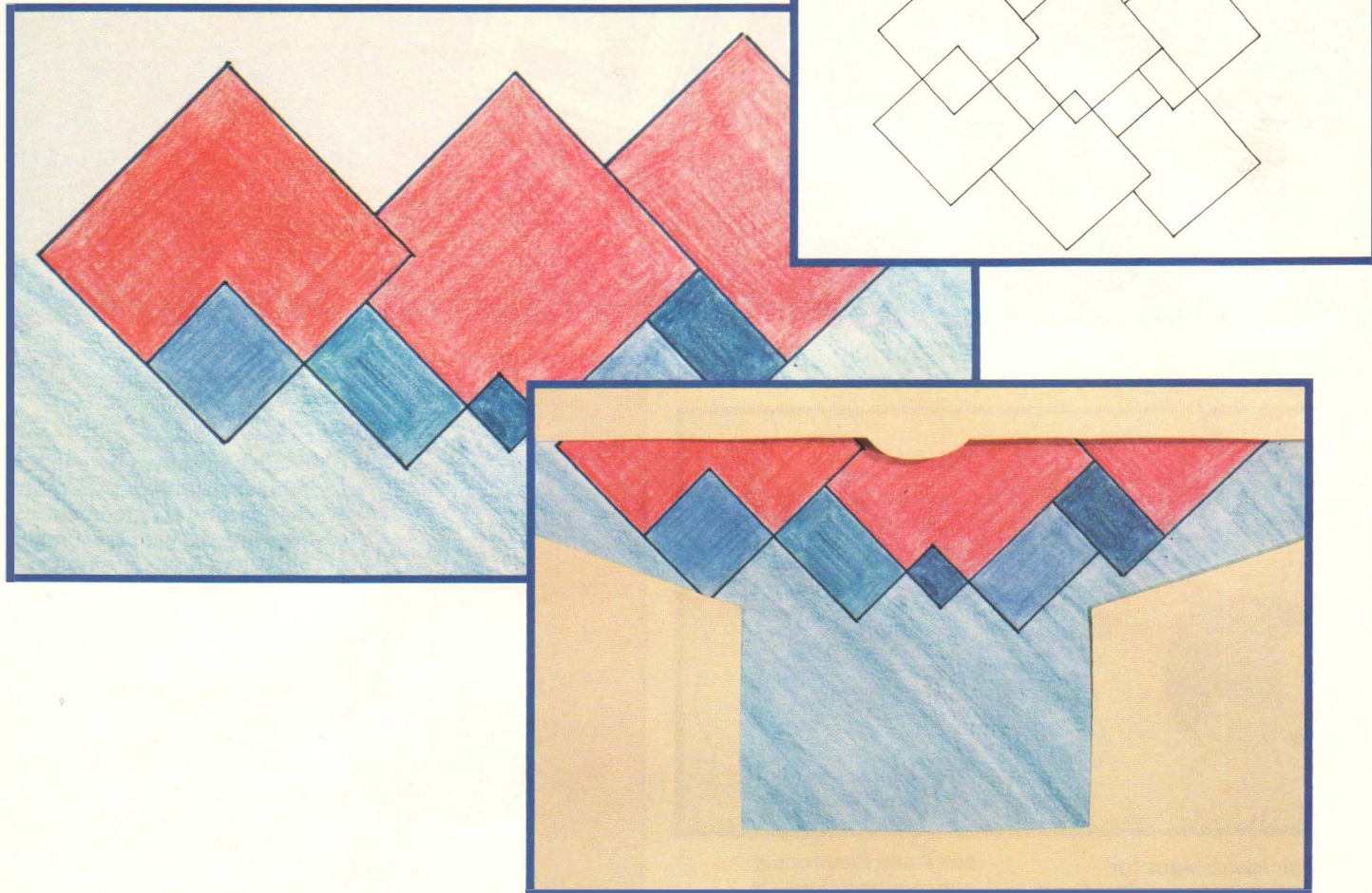


Task 3

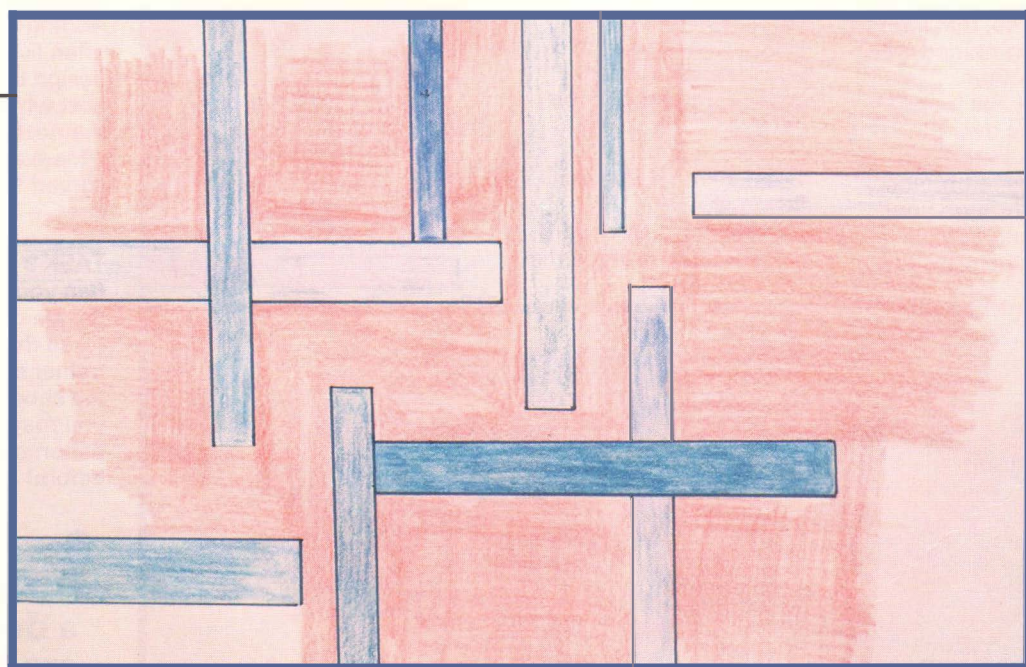
Once you have found a design you are happy with, the next step is to consider where and how to use it on garment pieces.

As it stands I already have a 'jazzy' Intarsia design but it doesn't end there — of course! I took a tracing of

Task 4



Task 5



one line, simplifying it and then re-traced it several times, moving down as you can see. Simply coloured in, I now have a very striking Intarsia design — from a shoe sole! Try it — find an interesting line, trace, move around and colour in — simple!

TASK 4

A square template, traced

round but sometimes overlapping and missing out sections of the lines. This can be built up into a large overall pattern. Then have fun colouring it in. This could be your design as it stands. Again use the cut-out to find the most pleasing area to knit. A way to simplify this idea is to trace off a section of the pattern leaving a large area as one

colour. This could be used as a horizontal or vertical design. Try the technique with other shapes — diamond, triangle.

TASK 5

Use strips of paper of varying widths to make a collage. You can choose how much background to leave showing through. Why not try using only a few

strips and adding other shapes to the 'open spaces' (for example, circles). You will find that different areas of this idea will give differing balances of check when you use the cut-out to focus on parts of it.

Jill.

JOIN THE CLUB

I am a keen Toyota machine knitter. I have the Toyota 950 knitting machine and I live in Grantham. I am a housewife with two grown-up sons and a 16 year old daughter who is at college. I would be interested in setting up a knitting club for Toyota owners. If anyone is interested would they get in touch with me. I would hold it in my own house to begin with until it got going.

Mrs M A Buntin
Grantham
Lincs

me and give me confidence. I am desperate to learn. I am willing to pay for tuition but no one seems to know of anyone in our area who could help me. I am approximately six miles from Witney towards Swindon.

I suffer with MS, nothing anyone can catch, it is just that my co-ordination is a bit off, but I find using the machine helps. I used to do a great deal of hand knitting but now find holding the needles too much.

Elizabeth Quaterman
Carterton
Oxon

DESPERATE TO LEARN

I am a disabled knitter with a Brother 891 machine with ribber and punchcard. I need help with various things i.e. buttonholes and how to use knitleader also lace carriage and linker. What I am in need of is someone who would be willing to come to my home and spend time with

TEACHING REQUIRED

Being a regular reader of your magazine and seeing your help letters I am now wondering if you can print a letter that can help me. I have just purchased a Passap Duo 80 with many extras but I would love to have someone to teach me. My local knitting shop only

has the new Electronic Passap and this does not help when it comes to punchcards and deco etc. My hope is that someone can help me who knows how to do the basic things like work the deco, form computer, plain knitting and necks etc. I am willing to pay for the lessons but it would be

nice if the person is local and has the same machine as me or can come to my house and show me how to use mine. Please can someone help me learn my machine or it will not get the use I feel it should have.

Mrs L E Rogers
Colchester
Essex

Please can you?

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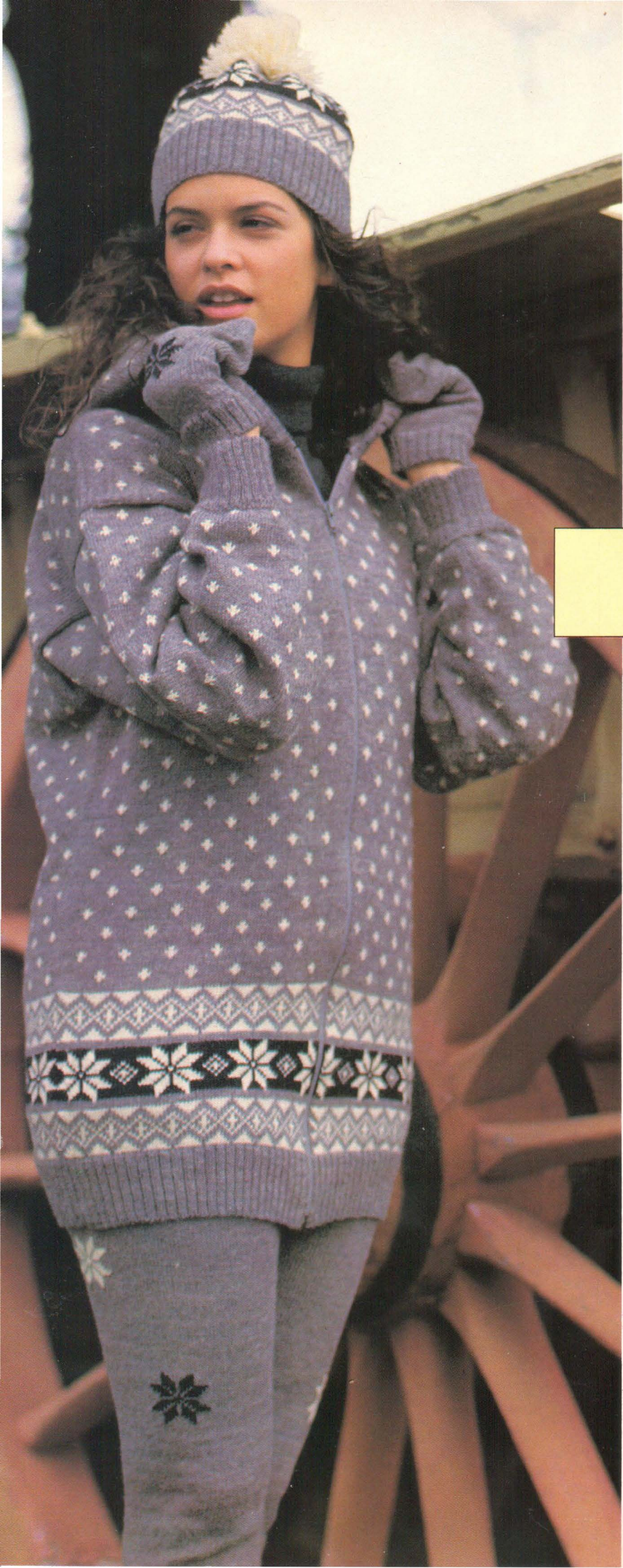
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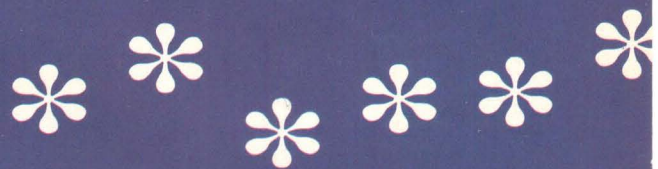
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1 SNOWFLAKE SWEATER

Standard gauge punchcard or electronic machines52

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7 FAIR ISLE BOBBLE HAT

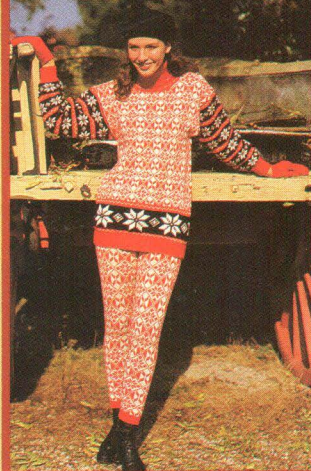
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8 LEGGINGS WITH SINGLE MOTIFS

Standard gauge punchcard or electronic machines with single motif facility.....64

9 LEGWARMERS

Standard gauge punchcard machines.....65



1. SNOWFLAKE SWEATER

MACHINES: These instructions are written for standard gauge punchcard or electronic machines with ribber. We used a Brother 910 with ribber

MACHINES WITHOUT

RIBBER: See page 113

YARN: Forsell 4 ply Wool

FIBRE CONTENT: 100% Wool

COLOUR: We used Hollyberry 160 (MC), Black 155 (A) and Ivory 100 (B)

STOCKISTS: If you have any difficulty in obtaining this yarn, please write to T. Forsell & Son Ltd, Blaby Road, South Wigston, Leicester LE8 2SG

SIZES

To suit bust 86[91:96:101:106]cm.

Finished measurement 101[106:111:116:121]cm.

Length 75cm.

Sleeve seam 51cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell 4 ply Wool.
1 x 500g cone in MC, A and B.

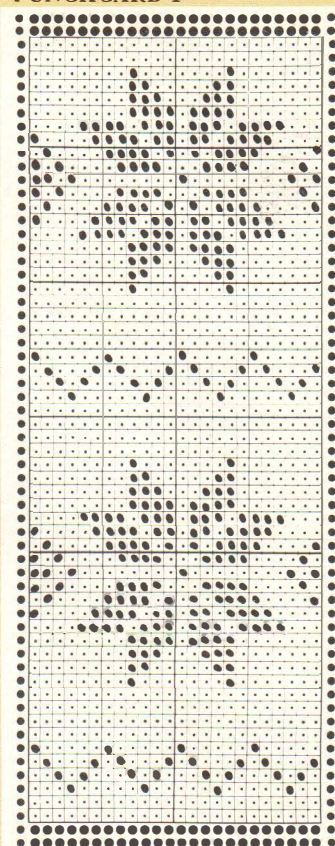
GARMENT WEIGHTS

675g for size 91cm.

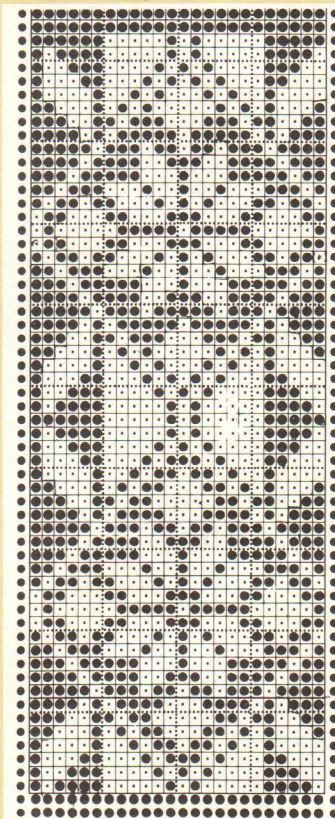
MAIN TENSIONS

32 sts and 35 rows to 10cm measured over patt 2 (tension dial approx 7=MT).
32 sts and 39 rows to 10cm measured over border patt and patt 1 (tension dial approx 6=MT-1).

PUNCHCARD 1



PUNCHCARD 2



Tensions must be matched exactly before starting garment.

ABBREVIATIONS
See page 113.

Snowfl

NOTE

The garment illustrated was knitted on an electronic machine.
Knit side is used as right side.
Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERNS

Punch cards 1, 2 and 3 before starting to knit.

MYLAR SHEET PATTERN

Fill in mylar sheet for patts 1 and 2 before starting to knit.

BORDER PATTERN

PUNCHCARD MACHINES

Insert punchcard 3 and lock on first row. Set machine for patt. Make a free move to select first row ending CAR. Set RC at 000. Release punchcard. Set carriage for FairIsle knitting.

MC only, K2 rows.

MC+B, K4 rows.

MC only, K2 rows.

A only, K2 rows.

A+B, K34 rows.

A only, K2 rows.

MC only, K2 rows.

MC+B, K4 rows.

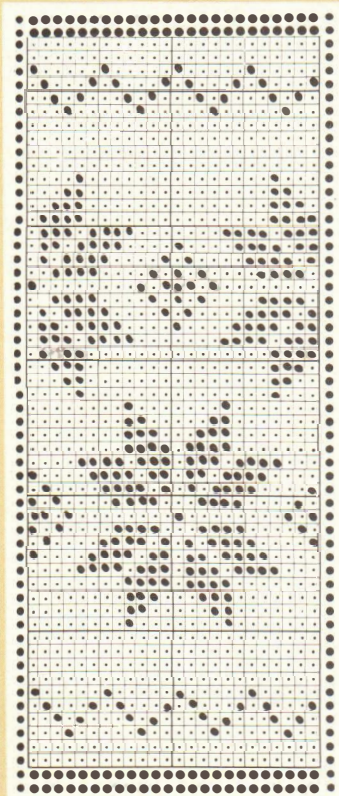
Set machine for st st.

Using MC, K2 rows. RC shows 54. CAR.

ELECTRONIC MACHINES

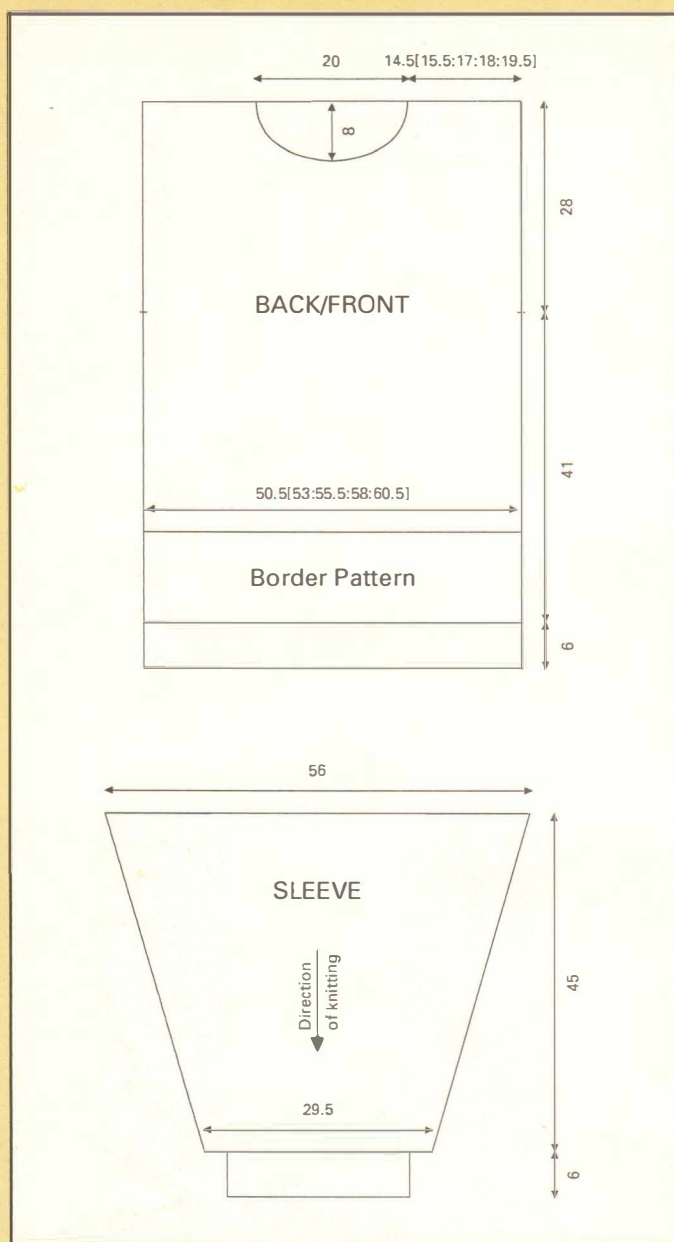
* Program machine for patt 1 commencing on first row.

PUNCHCARD 3



ake Sweater





Make a free move to select ending CAR. Set RC at 000. Set carriage for Fair Isle knitting. MC only, K2 rows. MC+B, K4 rows. Set machine for st st. Using MC, K2 rows *. A only, K1 row. Program machine for patt 1, commencing on row 11 and

using double width and double length facility. K1 row to select. Set carriage for Fair Isle knitting. A+B, K34 rows. Cancel double width and double length switches. Set machine for st st. A, K2 rows. Work as given from * to * once more. RC shows 54. CAR.

PATTERN ONE PUNCHCARD MACHINES

Use punchcard 1. Make a free move to select first row ending CAR. Set carriage for Fair Isle knitting. MC only, K2 rows. MC+B, K4 rows. MC only, K2 rows. A only, K2 rows. A+B, K17 rows. A only, K2 rows. Rep these 29 rows throughout.

ELECTRONIC MACHINES

Using patt 1, program machine for all-over patt commencing on first row. Make a free move to select ending CAR. Set carriage for Fair Isle knitting. MC only, K2 rows. MC+B, K4 rows. MC only, K2 rows. A only, K2 rows. A+B, K17 rows. A only, K2 rows. Rep these 29 rows throughout.

PATTERN TWO PUNCHCARD MACHINES

Use punchcard 2. Set carriage for Fair Isle knitting and use MC in feeder 1/A and B in feeder 2/B throughout.

ELECTRONIC MACHINES

Using patt 2, program machine for all-over patt with negative switch 6 in upper position. Set carriage for Fair Isle knitting. Use MC in feeder 1/A and B in feeder 2/B throughout.

BACK

With RB in position, set machine for 2x1 rib. Push 81[85:89:93:97] Ns at left and right of centre '0' to WP. 162[170:178:186:194] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. Using MC, cast on and K2 tubular rows. Using MT-5/MT-5, K30 rows. Transfer sts to MB. Using MT-1, work border patt. RC shows 54. Insert punchcard 2 or program machine for patt 2.

Make a free move to select first row ending CAR. Set RC at 000. Release punchcard. Set carriage for Fair Isle knitting. Foll colour sequence given and using MT, work in patt 2. K until RC shows 98. Place a marker at each end for start of armholes. K until RC shows 196. Set machine for st st. Release 46[50:54:58:62] sts at right on WY. Release 46[50:54:58:62] sts at left on WY. Release rem 70 neck sts on WY.

FRONT

Work as given for back until RC shows 168. CAR.

SHAPE NECK

Make a note of position in patt. Using nylon cord, K 94[98:102:106:110] sts at left by hand taking Ns down into NWP. Cont on rem 68[72:76:80:84] sts at right for first side.

K1 row. Cast off 3 sts at neck edge on next and every foll alt row, 3 times in all. K1 row.

Cast off 2 sts at neck edge on next and foll alt row.

Dec 1 st at neck edge on every row, 9 times. 46[50:54:58:62] sts. K until RC shows 196.

Set machine for st st. Using WY, K a few rows and release from machine.

Unravel nylon cord over 26 sts at right. Using WY, K a few rows and release from machine.

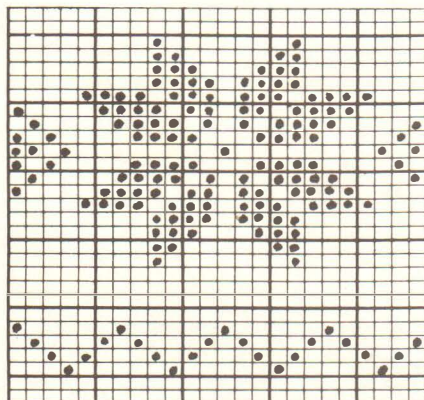
Unravel nylon cord over rem 68[72:76:80:84] sts at left. Reset RC at 168. Starting at correct position in patt, complete to correspond with first side, reversing shapings.

POLO NECKBAND

Graft right shoulder seam tog.

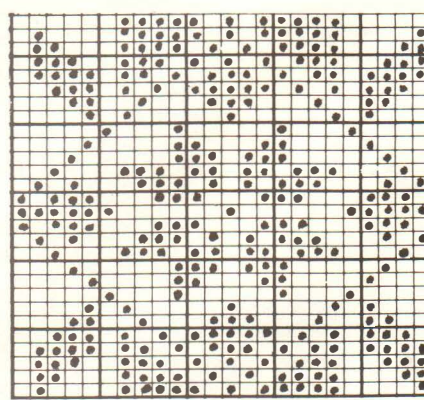
With RB in position, set machine for 2x1 rib. Push 158 Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. Using MC, cast on and K2

ELECTRONIC PATTERN 1



24 sts x 29 rows

ELECTRONIC PATTERN 2



24 sts x 28 rows

TOP to TOE WARMTH



tubular rows. Set RC at 000. Using MT-5/MT-5, K90 rows. Transfer sts to MB. Using MT-1, work the first 8 rows of patt 1. Set machine for st st. With right side facing, hang neck edge evenly on to Ns. Using MC, K2 rows. Using WY, K a few rows and release from machine. Graft left shoulder seam tog. Backstitch last row of neckband in place to right side of neck edge, unravelling WY as you go.

SLEEVES (KNITTED DOWNWARDS)

Push 90 Ns at left and right of centre '0' to WP. 180 Ns. With wrong side facing and matching shoulder seam to centre '0', hang one armhole edge evenly on to Ns. CAR. Using MC and MT-1, K1 row. Set machine for patt 1. Set RC at 000. Using MT-1 and foll colour sequence given, work in patt. K2 rows. Dec 1 st at each end of next and every foll 4th row, 43 times in all. 94 sts. K until RC shows 176. Set machine for st st. Using WY, K a few rows and release from machine.

CUFFS

With RB in position, set machine for 2x1 rib. Push 60 Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. Using MC, cast on and K2 tubular rows. Set RC at 000. Using MT-5/MT-5, K30 rows. Transfer sts to MB. With right side facing, hang lower edge of sleeve evenly on to Ns. Using MT-1, K2 rows. Using WY, K a few rows and release from machine. Backstitch last row of cuff in place to right side unravelling WY as you go.

TO MAKE UP

Secure long floats as necessary. With wrong side facing, block out to correct measurements and press. Join side and sleeve seams.



2. STOCKING STITCH LEGGINGS

MACHINES: These instructions are written for standard gauge machines with ribber

MACHINES WITHOUT RIBBER: See page 113

YARN: Forsell 4 ply Wool

FIBRE CONTENT: 100% Wool
COLOUR: We used Ivory 100 (MY)

STOCKISTS: See Snowflake Sweater pattern for details

MAIN TENSION

32 sts and 45 rows to 10cm measured over st st (tension dial approx 5•).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment and should not be used to measure work on the machine.

RIGHT LEG

With RB in position, set machine for 1x1 rib. Push 35[38:42:45:48] Ns at left and 38[42:45:48:51] Ns at right of centre '0' on MB to WP. 73[80:87:93:99] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. CAR.

Using MY, cast on and K2 tubular rows.

Set RC at 000. Using MT-3/MT-3, K15 rows.

Transfer sts to MB. CAR. Set RC at 000. Using MT,

inc 1 st at right edge on every foll 5th row, 27 times and at the same

SIZES

To suit hip 86[91:96:101:106]cm.

Inside leg seam 63cm.

Outside leg length 89cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell 4 ply Wool.

1 x 500g cone in MY.

Waist length of elastic.

GARMENT WEIGHS

332g for size 91cm.



time, inc 1 st at left edge on next and every foll 7th row, 20 times. K until RC shows 135.

55[58:62:65:68] sts at left and 65[69:72:75:78] sts at right of centre '0'. 120[127:134:140:146] sts.

Inc 1 st at right edge on every foll 6th row, 20 times and at the same time, inc 1 st at left edge on every foll 8th row, 15 times.

K until RC shows 266. 70[73:77:80:83] sts at left and 85[89:92:95:98] sts at right of centre '0'. 155[162:169:175:181] sts.

Inc 1 st at right, K until RC shows 270. 156[163:170:176:182] sts. CAR.

SHAPE CROTCH

Set RC at 000. Dec 1 st at right edge on every row, 16 times and at the same time, shape left edge as folls:

K1 row. Cast off 4 sts at beg of next row. K1 row. Cast off 3 sts at beg of next row. K1 row.

Cast off 2 sts at beg of next row. K1 row.

Dec 1 st at left edge on every row, 5 times.

Dec 1 st at left edge on every foll alt row, twice. RC shows 16.

54[57:61:64:67] sts at left and 69[73:76:79:82] sts at right of centre '0'. 123[130:137:143:149] sts.

Dec 1 st at right edge on every foll alt row, 10 times.

Dec 1 st at right edge on every foll 9th row, 8 times.

54[57:61:64:67] sts at left and 51[55:58:61:64] sts at right of centre '0'. 105[112:119:125:131] sts.

K until RC shows 118.

WAISTBAND

Place a marker at each end and at intervals along row. K10 rows. Using T10, K1 row. Cast off loosely.

LEFT LEG

Work as given for right leg, reversing needle settings and shapings.

TO MAKE UP

With wrong side facing, block pieces out to correct measurements and press.

Join inside leg seams.

Join crotch seams.

Fold waistband in half to inside and slip stitch in place along marked row, leaving an open for elastic. Insert elastic. Secure ends. Close opening.

3. FAIR ISLE LEGGINGS

MACHINES: These

instructions are written for standard gauge punchcard or electronic machines with ribber. We used a Brother 910 with ribber

MACHINES WITHOUT

RIBBER: See page 113

YARN: Forsell 4ply Wool

FIBRE CONTENT: 100% Wool

COLOUR: We used Hollyberry

160 (MC) and Ivory 100 (C)

STOCKISTS: See Snowflake Sweater pattern for details

SIZES

To suit hip 86[91:96:101:106]cm.

Inside leg seam 63cm.

Outside leg length 89cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell 4 ply Wool.

1 x 500g cone in MC and C.

Waist length of 2.5cm wide elastic.

GARMENT WEIGHTS

370g for size 91cm.

MAIN TENSION

32 sts and 35 rows to 10cm measured over Fair Isle patt (tension dial approx 7).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERN

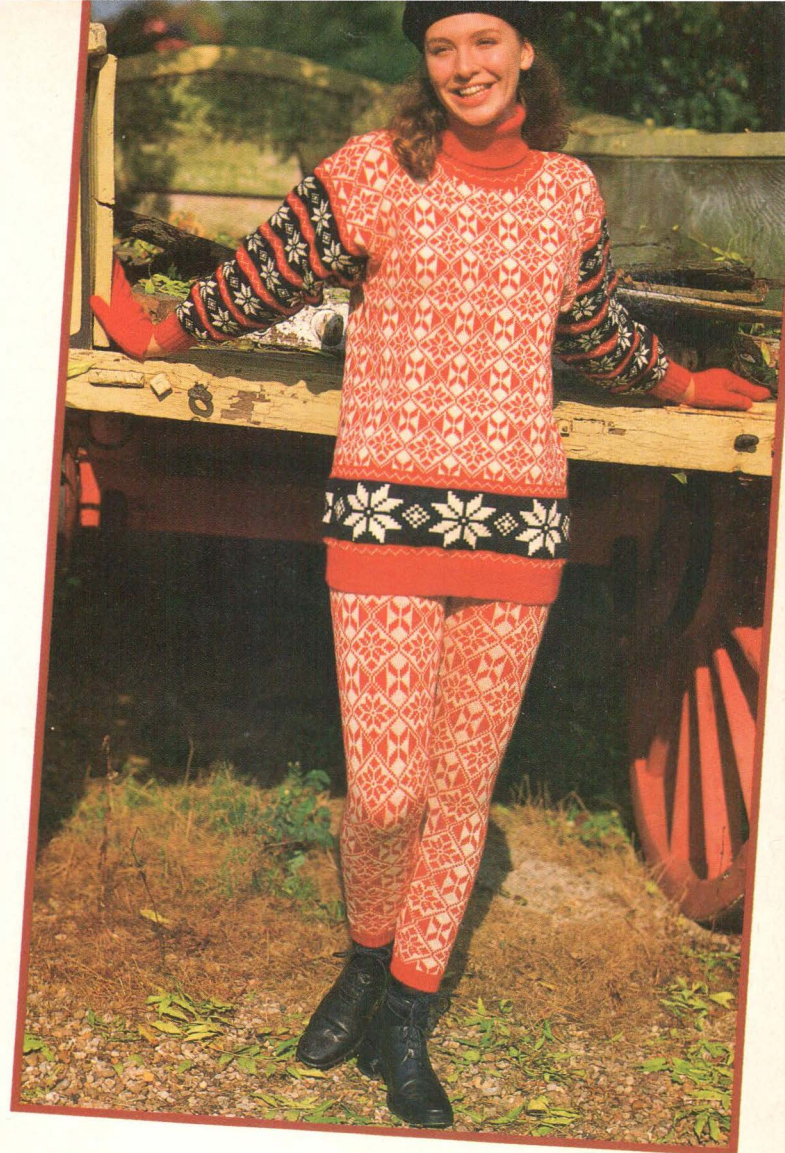
Punch card 2 as given for Snowflake Sweater, pattern 1 on page 52 before starting to knit.

ELECTRONIC PATTERN

Fill in mylar sheet for patt 2 as given for Snowflake Sweater, pattern 1 on page 54.

RIGHT LEG

With RB in position, set machine for 2x1 rib. Push 36[40:43:46:49] Ns at left (for front) and 37[41:44:47:50] Ns at right (for back) of centre '0' to WP. 73[81:87:93:99] Ns. Push corresponding Ns



on RB to WP. Arrange Ns for 2x1 rib. CAL.

Using MC, cast on and K2 tubular rows.

Set RC at 000. Using MT-5/MT-5, K15 rows. Transfer sts to MB.

Insert punchcard and lock on first row or insert mylar sheet and program machine for all-over patt using the negative (switch 6) facility. Using MT, K1 row to select.

Set RC at 000. Set carriage for Fair Isle knitting. Release punchcard. Using MC+C, work in patt.

Shape sides by inc 1 st at right edge on every foll 4th row, 50 times and at the same time inc 1 st at left edge on every foll 6th row, 34 times.

K until RC shows 210. 70[74:77:80:83] sts at left and 87[91:94:97:100] sts at right of centre '0'. 157[165:171:177:183] sts.

SHAPE CROTCH

Set RC at 000. Dec 1 st at right edge on every row, 16 times and at the same time shape left edge as folls:

K1 row. CAL. Cast off 4 sts at beg of next row. K1 row.

Cast off 3 sts at beg of next row. K1 row.

Cast off 2 sts at beg of next row. K1 row.

Dec 1 st at left edge on every row, 5 times.

Dec 1 st at left edge on every foll alt row, twice. RC shows 16. 54[58:61:64:67] sts at left and 71[75:78:81:84] sts at right of centre '0'. 125[133:139:145:151] sts.

Dec 1 st at right edge on every foll alt row, 10 times in all.

Dec 1 st at right edge on every foll 6th row, 9 times. (52[56:59:62:65] sts at right of centre '0'). 106[114:120:126:132] sts. RC shows 90.

WAISTBAND

Set machine for st st. Using MC, K20 rows. Using T10, K1 row. Cast off loosely.

LEFT LEG

Work as given for right leg, reversing needle setting and shapings.

TO MAKE UP

Foll measurement diagram for stocking stitch leggings.

With wrong side facing, block pieces out to correct measurements and press.

Join inside leg seam.

Join crotch seams.

Fold waistband in half to inside and slip stitch in place leaving an opening for elastic. Insert elastic. Secure ends. Close opening.

4. SCARF WITH SINGLE MOTIF

MACHINES: These instructions are written for standard gauge punchcard or electronic machines with single motif facility and ribber **MACHINES WITHOUT RIBBER:** See page 113

YARN: Forsell 4 ply Wool
FIBRE CONTENT: 100% Wool
COLOUR: We used Black 155 (MC), Ivory 100 (A) and Hollyberry 160 (B)
STOCKISTS: See Snowflake Sweater pattern for details

SIZE
146cm x 25cm including fringe.

MATERIALS
Forsell 4 ply Wool.
350g in MC.
50g in A.
100g in B.

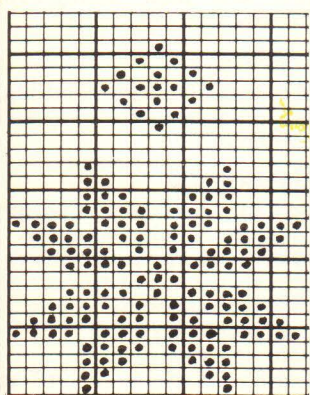
GARMENT WEIGHS
376g.

MAIN TENSION
32 sts and 45 rows to 10cm measured over st st (tension dial approx 5•).
Tension must be matched exactly before starting item.

ABBREVIATIONS
See page 113.

NOTE
Knit side is used as right side.
Measurements given are those of finished item and should not be used to measure work on the machine.

ELECTRONIC PATTERN



17 sts x 28 rows

PUNCHCARD PATTERN
Punch card before starting to knit.

ELECTRONIC PATTERN
Fill in mylar sheet before starting to knit.

SINGLE MOTIF PUNCHCARD MACHINES
Set for single motif over Ns 13-36 at right of centre 'O'.

ELECTRONIC MACHINES
Set for single motif over Ns 17-33 at right of centre 'O'.

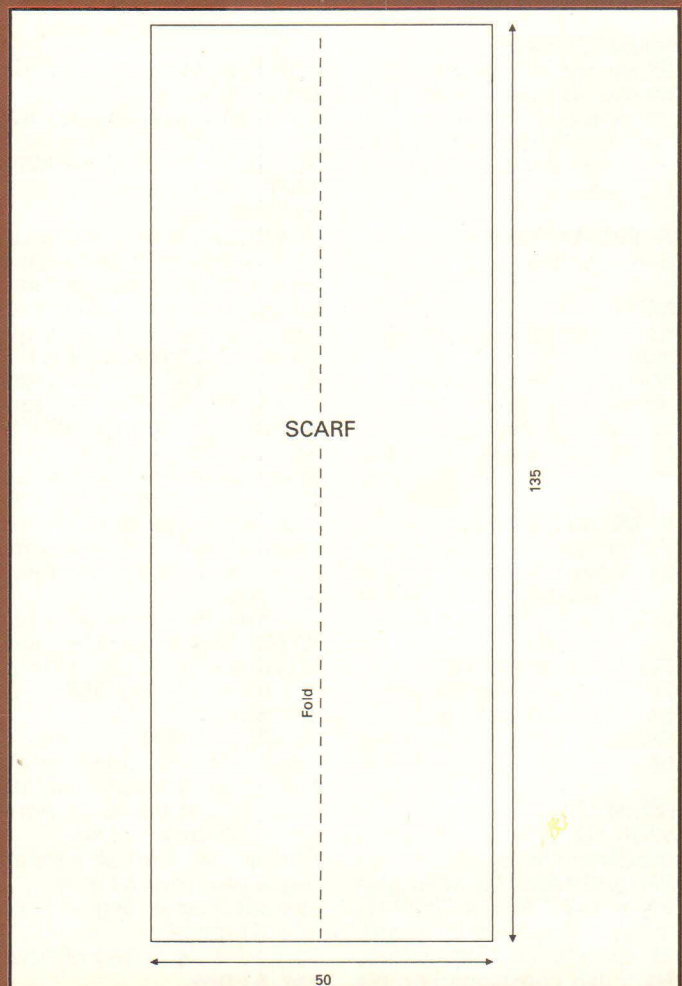
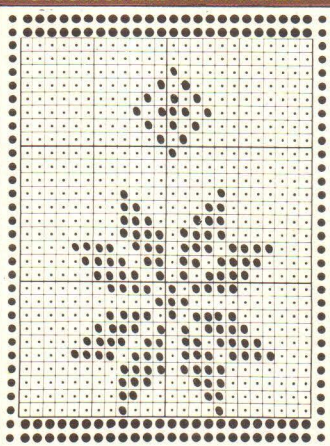
COLOUR SEQUENCE
MC+A, K17 rows.
MC only, K2 rows.
MC+A, K7 rows.
MC only, K2 rows.
Rep these 28 rows throughout.

SCARF
With RB in position, set machine for 2x2 rib. Push 96 Ns at left and 64 Ns at right of centre 'O' on MB to WP. 160 Ns. Push corresponding Ns on RB to WP. Arrange Ns for 2x2 rib. Using MC, cast on and K2 tubular rows. Using MT-3•/MT-3•, K6 rows. Transfer sts to MB. Using MT, K1 row. Insert punchcard and lock on first row or insert mylar sheet and program for patt. Set for single

motif as given. Using MT, K1 row.
Set RC at 000. Release punchcard. Set carriage for single motif Fair Isle knitting. Foll colour sequence given, work in patt. K605 rows.
Set machine for st st. Using MC, K2 rows.
Bring RB into position for 2x2 rib. Arrange sts for rib. Return empty MB Ns to NWP. Using MT-3•/MT-3•, K6 rows. Cast off.

TO MAKE UP
With wrong side facing, block and press.
With right sides tog, join seam. Turn right side out. Finish ends.
Using C, work fringing along each end.

PUNCHCARD PATTERN



TOP to TOE WARMTH



5. LADY'S MITTENS

MACHINES: These instructions are written for standard gauge machines with ribber

MACHINES WITHOUT RIBBER: See page 113

YARN: Forsell 4 ply Wool
FIBRE CONTENT: 100% Wool
COLOUR: We used Red (MY)
STOCKISTS: See Snowflake Sweater pattern for details

SIZES
Small[Medium:Large].
Finished palm width 7[8:9]cm.
Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS
Forsell 4 ply Wool.
Approx 50g in MY.

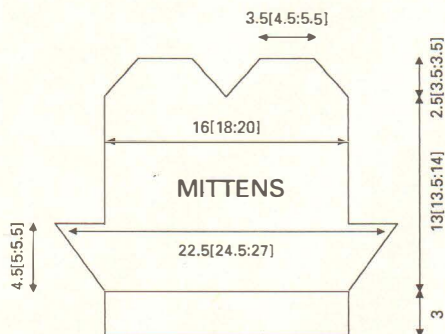
GARMENT WEIGHS
40g for small size.

MAIN TENSION
32 sts and 45 rows to 10cm measured over st st (tension dial approx 5•).
Tension must be matched exactly before starting item.

ABBREVIATIONS
See page 113.

NOTE
Knit side is used as right side.
Measurements given are those of finished item and should not be used to measure work on the machine.

MITTEN (KNIT TWO)
With RB in position, set machine for 2x1 rib. Push 13[14:16] Ns at left and 39[44:48] Ns at right of centre 'O' on MB to WP. 52[58:64] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. CAL. Using MY, cast on and K2



tubular rows. Set RC at 000. Using MT-3/MT-3, K18 rows. Transfer sts to MB. CAR. 52[58:64] sts.

Set RC at 000. Using MT, K1 row. Inc 1 st, fully fashioned method, at each end of next and every foll alt row, 10[10:11] times in all. 72[78:86] sts. K 0[2:2] rows. RC shows 20[22:24]. Release 10[10:11] sts at each end on WY or on to a holding thread.

Reset RC at 20[22:24]. Using MY and MT, cont over rem 52[58:64] sts. K until RC shows 58[62:64]. CAR.

Using nylon cord, K 26[29:32] sts at left by hand taking Ns down into NWP. Cont over rem 26[29:32] sts at right.

Set RC at 000. Using MY and MT, K 0[2:2] rows. Dec 1 st, fully fashioned method, at each end of next and every foll alt[3rd:3rd] row, 5[4:4] times in all. 16[21:26] sts.

Dec 1 st, fully fashioned method, at each end of every row, 2[3:3] times. 12[15:18] sts. RC shows 11[15:15].

Using WY, K a few rows and release from machine.

Unravel nylon cord over sts at left.

Set RC at 000. Complete to correspond with first side.

Push 12[15:18] Ns to WP. With right sides tog, hang sts from top of each half on to Ns. Remove WY. Using MY and MT, K1 row. Cast off.

THUMB

Push 20[20:22] Ns to WP. With wrong side facing, pick up 10[10:11] sts held on WY from one edge and 10[10:11] sts held on WY from other edge and hang on to Ns. Remove WY.

Set RC at 000. Using MY and MT, K 22[24:26] rows.

Using WY, K a few rows and release from machine.

Push 10[10:11] Ns to WP. With wrong side facing and placing 2 sts on to each N, hang last row of MY on to Ns. Remove WY. Using MY and MT, K2 rows. Break yarn. Thread end through sts and release from machine.

Work second mitten, reversing needle settings.

TO MAKE UP

Gather up last row of thumb. Secure sts and then cont to join seam.

Join rem seams.

SINGLE MOTIF VARIATION

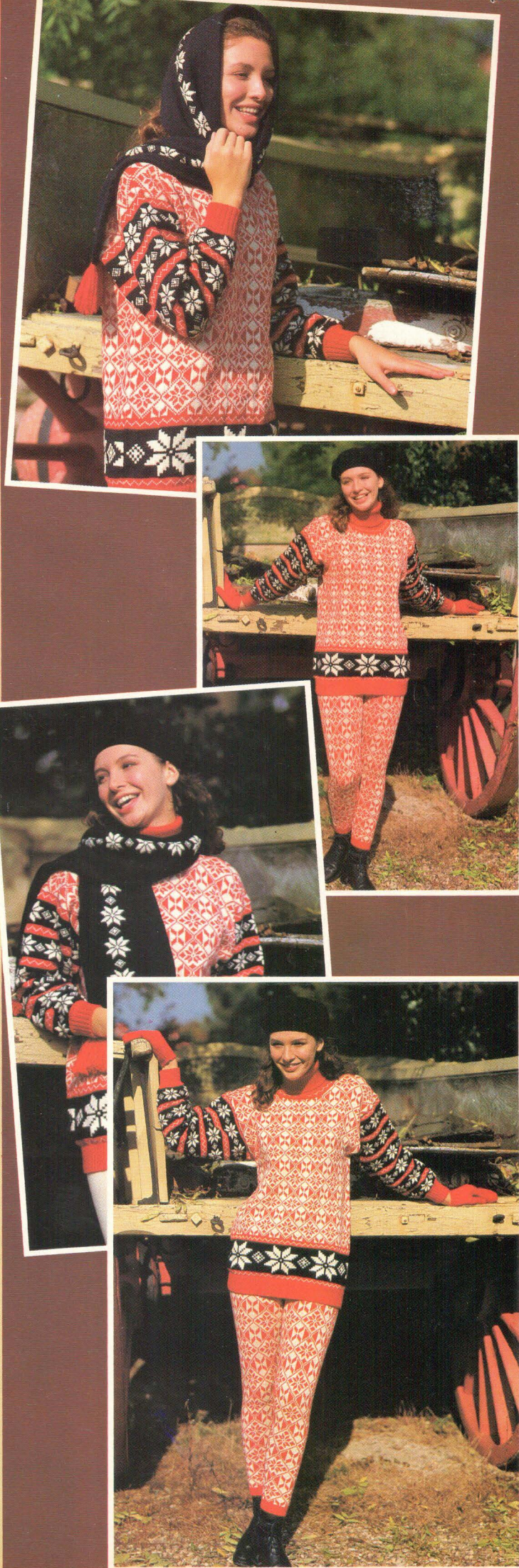
Use the same motif patt as given for Leggings with Single Motifs, pattern 8 on page 64.

When RC shows 20[22:24], work motif over Ns 12-0-12 for punchcard machines or Ns 8-0-9 for electronic machines.

Work the 17 rows of motif using a contrast colour of your own choice.

Then cont in st st to end.

Work second mitten reversing N settings.



6. LADY'S JACKET

MACHINES: These instructions are written for standard gauge punchcard or electronic machines with ribber

MACHINES WITHOUT

RIBBER: See page 113

YARN: Forsell 4 ply Wool

FIBRE CONTENT: 100% Wool

COLOUR: We used Clerical Grey 165 (MC), Ivory 100 (A) and Black 155 (B)

STOCKISTS: See Snowflake Sweater pattern for details

SIZES

To suit bust 81-86[86-91:91-96:96-101:101-106]cm.

Finished measurement 98[102:108:112:118]cm.

Length 70.5cm.

Sleeve seam 51.5cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell 4 ply Wool.

2 x 500g cones in MC.

1 x 500g cone in A.

Approx 100g in B.

Open-ended zip to fit centre front opening.

GARMENT WEIGHS

730g for size 86-91cm.

MAIN TENSIONS

32 sts and 41 rows to 10cm measured over Fair Isle patt 1 (tension dial approx 6=MT).

34 sts and 42 rows to 10cm measured over border patt (tension dial approx 6).

Tensions must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERNS

Punch cards 1 and 2 before starting to knit.

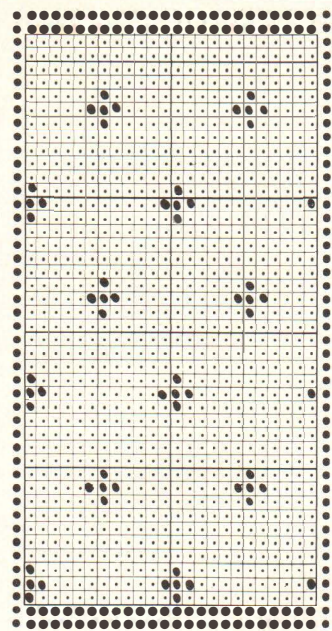
ELECTRONIC PATTERNS

Fill in mylar sheet for patts 1 and 2 before starting to knit.

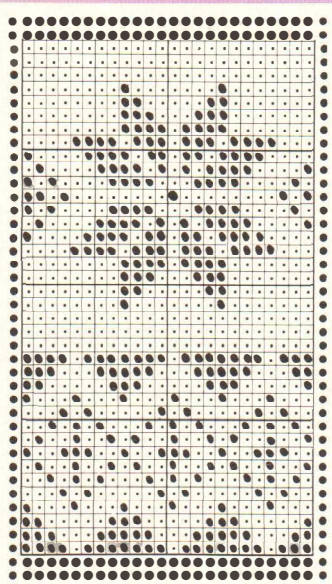
BORDER PATTERN

Insert punchcard 2 or program machine for patt 2. Using MC and MT, K1 row to

PUNCHCARD PATTERN 1



PUNCHCARD PATTERN 2



select. Release punchcard.
Set carriage for Fair Isle
knitting.
MC+A, K15 rows.
MC only, K3 rows.
B+A, K17 rows.
MC only, K3 rows.
MC+A, K15 rows.
54 rows to patt.

COLOUR SEQUENCE FOR PATTERN ONE

MC+A, K3 rows.
MC only, K4 rows.
Rep these 7 rows
throughout.

BACK

With RB in position, set
machine for 2x1 rib. Push
78[82:86:90:94] Ns at left and
right of centre '0' on MB to
WP. 156[164:172:180:188]
Ns. Push corresponding Ns
on RB to WP.

* Arrange Ns for 2x1 rib.
CAL. Using MC, cast on and
K2 tubular rows. Set RC at
000. Using MT-4/MT-4, K30
rows.

Transfer sts to MB. Set RC at
000. Using MT, work the 54
rows of border patt. CAR.

Set machine for st st. Using
MC, K3 rows.

Insert punchcard 1 and lock
on first row or program for
patt 1. K1 row to select.
Release punchcard. Set
carriage for Fair Isle knitting.
Foll colour sequence given,
work in patt *.

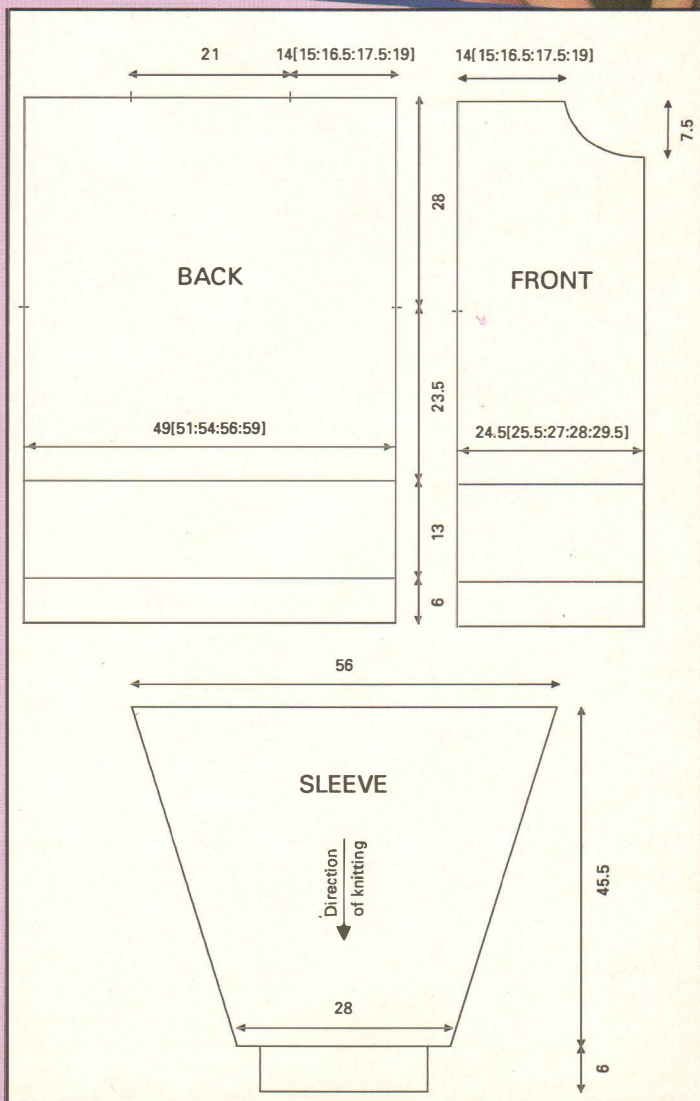
K until RC shows 150. Place
a marker at each end for
start of armholes. K until RC
shows 261. Set machine for
st st. Using MC, K4 rows.

Using WY, K a few rows
over 44[48:52:56:60] sts at
right and release from
machine. Rep over 44[48:52:
56:60] sts at left.

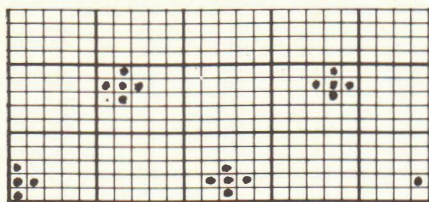
Using WY, K a few rows
over rem 68 neck sts and
release from machine.

LEFT FRONT

With RB in position, set



ELECTRONIC PATTERN 1



24 sts x 14 rows

machine for 2x1 rib. Push 78[82:86:90:94] Ns at left of centre '0' on MB and corresponding Ns on RB to WP. Work as given for back from * to *.

K until RC shows 150. Place a marker at left edge for start of armhole. K until RC shows 234. CAR.

SHAPE NECK

Cast off 6 sts at beg of next row.

Remove the next 12 sts at neck edge from machine, either on WY or on to a holding thread.

Dec 1 st at neck edge on every row, 11 times.

Dec 1 st at neck edge on every foll alt row, 5 times. 44[48:52:56:60] sts.

K until RC shows 261. Set machine for st st. Using MC, K4 rows. Using WY, K a few rows and release from machine.

RIGHT FRONT

With RB in position, set machine for 2x1 rib. Commencing with N 2 at right of centre '0', push 78[82:86:90:94] Ns at right on MB to WP. Push corresponding Ns on RB to WP. Complete to correspond with left front, reversing shapings.

SLEEVES

(KNITTED DOWNWARDS)

Graft shoulder seams to go.

Push 90 Ns at left and right of centre '0' to WP. 180 Ns.

With wrong side facing, hang one armhole edge evenly on to Ns.

Set RC at 000. Using MC and MT, K2 rows. Insert punchcard 1 and lock on first row or program machine for patt 1. K1 row to select. Release punchcard. Set carriage for Fair Isle knitting. Foll colour sequence given, work in patt.

Dec 1 st at each end of next row and every foll 4th row, 45 times in all. 90 sts.

K until RC shows 181.

Set machine for st st. Using MC, K5 rows.

Using WY, K a few rows and release from machine.

CUFFS

With RB in position, set machine for 2x1 rib. Push 66 Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 2x1 rib.

Using MC, cast on and K2 tubular rows.

Set RC at 000. Using MT-4/MT-4, K30 rows. Transfer sts to MB.

With right side facing, hang lower edge of sleeve evenly on to Ns. Using MT, K2 rows.

Using WY, K a few rows and release from machine.

Backstitch last row of MC in place to right side of sleeves, unravelling WY as you go.

HOOD

Push 73 Ns at left and right of centre '0' to WP. 146 Ns. With wrong side facing, hang neck edge on to Ns as folls: 12 sts from WY at left front neck edge, 27 sts from rem left neck edge, 68 sts across back neck, 27 sts from right front and 12 sts from WY at right front edge.

Set RC at 000. Using MC and MT, K3 rows. Insert punchcard 1 and lock on first row or program machine for patt 1. K1 row to select.

Release punchcard. Set carriage for Fair Isle knitting. Foll colour sequence given, work in patt. K until RC shows 154.

Set machine for st st. Using MC, K2 rows.

** Set carriage to hold. Push 73 Ns at right to HP. Using WY, K a few rows over rem 73 sts at left and release from machine. Fold work in half and with wrong sides tog, hang the 73 sts held on WY on to the 73 sts at right of centre '0'. 2 sts on each N. Cancel hold. Using MC and MT+1, K1 row. Cast off **.

HOOD BAND

With RB in position, set machine for 2x1 rib. Push 190 Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. Using MC, cast on and K2 tubular rows.

Set RC at 000. Using MT-3/MT-3, K15 rows. Transfer sts to MB.

With right side facing, hang half of front edge of hood on to half the Ns. Push rem half to HP. Set carriage to hold. Using MT, K2 rows.

Using WY, K a few rows and release from machine. Cancel hold.

Hang rem half of front edge of hood on to rem Ns.

Using MC and MT, K2 rows. Using WY, K a few rows and release from machine.

Backstitch last row of MC in place to right side of hood, unravelling WY as you go.

HOOD LINING

Push 146 Ns to WP. Using MC, cast on by hand. Set RC at 000. Using MC and MT, K154 rows.

Work as given for hood from ** to **.

TO MAKE UP

With wrong side facing, block pieces out to correct measurements and press.

Join side and sleeve seams. Attach edge of hood band to neck edge.

With wrong side of lining to wrong side of hood, slip stitch lining in place along neck edge and inside edge of band.

Sew in zip, matching patt carefully.

Give a final press.

7. FAIR ISLE BOBBLE HAT

MACHINES: These instructions are written for standard gauge punchcard or electronic machines with ribber

MACHINES WITHOUT

RIBBER: See page 113

YARN: Forsell 4 ply Wool

FIBRE CONTENT: 100% Wool

COLOUR: We used Clerical

Grey 165 (MC), Ivory 100 (A)

and Black 155 (B)

STOCKISTS: See Snowflake Sweater pattern for details

SIZES

To fit head circumference 52[56:60]cm.

Depth 21cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell 4 ply Wool.

Approx 70g in MC.

Approx 50g in A.

Approx 15g in B.

GARMENT WEIGHTS

69g for smallest size.

MAIN TENSION

34 sts and 42 rows to 10cm measured over Fair Isle patt (tension dial approx 6).

Tension must be matched exactly before starting item.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished item and should not be used to measure work on the machine.

PUNCHCARD PATTERN

Punch card 2 as given for Lady's Jacket, pattern 6 on page 61 before starting to knit.

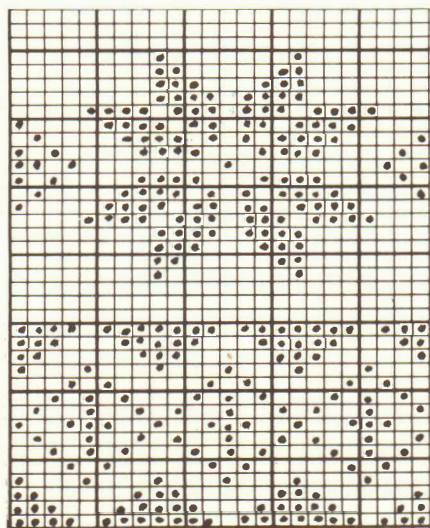
ELECTRONIC PATTERN

Fill in mylar sheet for pattern 2 as given for Lady's Jacket, pattern 6 before starting to knit.

HAT

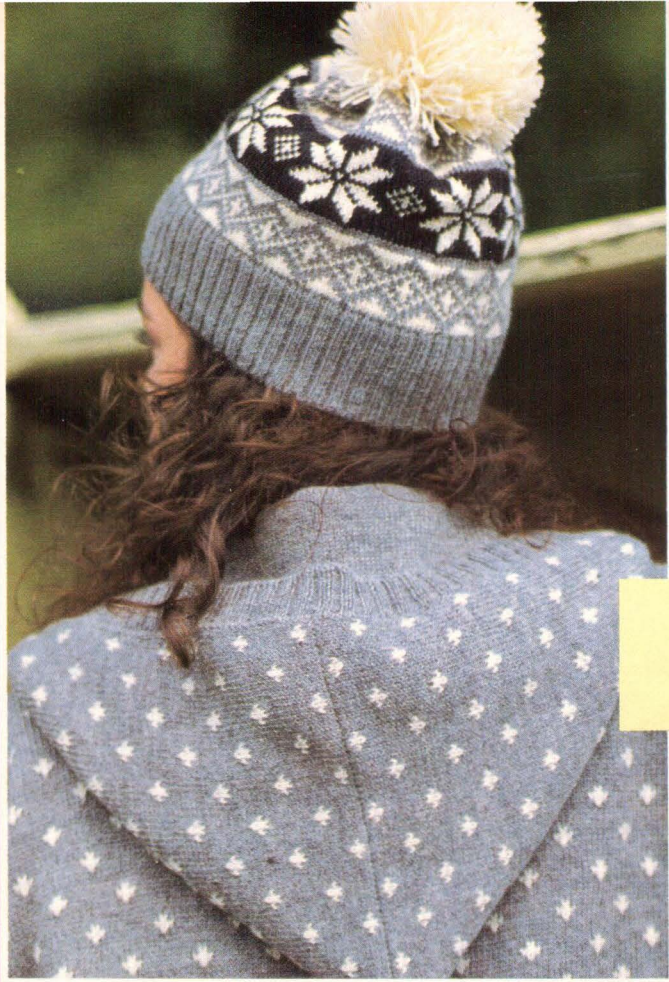
With RB in position, set machine for 2x1 rib.

ELECTRONIC PATTERN 2



24 sts x 38 rows

TOP *to* TOE WARMTH

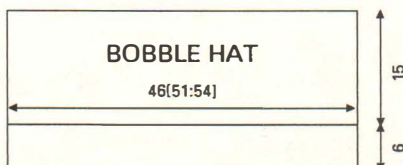


Push 78[82:86] Ns at left and right of centre '0' on MB to WP. 156[164:172] Ns. Push corresponding Ns on RB to WP. Arrange Ns for 2x1 rib. CAL. Using MC, cast on and K2 tubular rows. Set RC at 000. Using MT-4/MT-4, K30 rows. Transfer sts to MB. Set RC at 000. Insert punchcard and lock on first row or program machine for patt. Using MC and MT, K1 row to select. Release punchcard. Set carriage for Fair Isle knitting. Using MC+A, K15 rows. Using MC only, K3 rows. Using B+A, K17 rows. Using MC only, K3 rows. Using MC+A, K15 rows. RC shows 54. Set machine for st st. Using MC, K2 rows. Using WY, K a few rows and release from machine. Push 78[82:86] Ns to WP. With wrong side facing and placing 2 sts on to

each N, rehang last row worked in MC on to Ns. Remove WY. K a few rows and release from machine. Push 39[41:43] Ns to WP. With wrong side facing and placing 2 sts on to each N, rehang last row worked in MC on to Ns. Remove WY. Using MC and MT, K2 rows. Using WY, K a few rows and release from machine. Push 20[21:22] Ns to WP. With wrong side facing and placing 2 sts on to each N except last, rehang last row worked in MC on to Ns. Remove WY. Using MC and MT, K2 rows. Using WY, K a few rows and release from machine. Push 10[11:12] Ns to WP. With wrong side facing and placing 2 sts on to 10 Ns, rehang last row worked in MC on to Ns. Remove WY. Using MC and MT, K3 rows. Break yarn. Thread end through sts and remove work from machine.

TO MAKE UP
Gather up last row and secure. Cont to join

centre back seam. Make and attach pom-pom.





8. LEGGINGS WITH SINGLE MOTIFS

MACHINES: These instructions are written for standard gauge punchcard or electronic machines with single motif facility and ribber
MACHINES WITHOUT RIBBER: See page 113
YARN: Forsell 4 ply Wool
FIBRE CONTENT: 100% Wool
COLOUR: We used Clerical Grey 165 (MC), Ivory 100 (A) and Black 155 (B)
STOCKISTS: See Snowflake Sweater pattern for details

SIZES
 To suit hip 86[91:96:101:106]cm.
 Inside leg seam 63cm.
 Outside leg length 89cm.
 Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS
 Forsell 4 ply Wool.
 1 x 500g cone in MC.
 Approx 25g in A and B.

GARMENT WEIGHS
 330g for size 86cm.

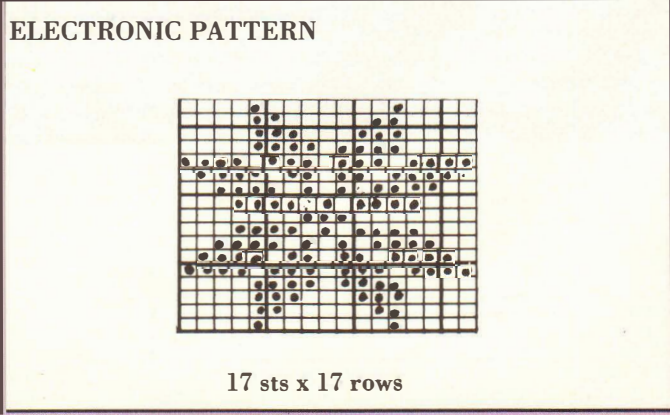
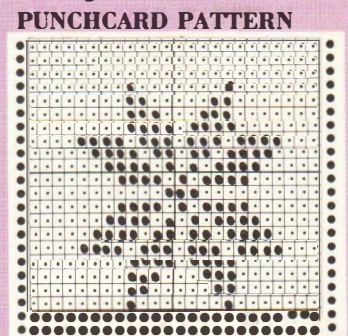
MAIN TENSION
 32 sts and 45 rows to 10cm measured over st st (tension dial approx 5*).
 Tension must be matched exactly before starting garment.

ABBREVIATIONS
 See page 113.

NOTE
 Knit side is used as right side.
 Measurements given are those of finished garment and should not be used to measure work on the machine.

PUNCHCARD PATTERN
 Punch card before starting to knit.

ELECTRONIC PATTERN
 Fill in mylar sheet before starting to knit.



TOP *to* TOE WARMTH

LEGGINGS

Foll instructions for stocking stitch leggings, pattern 2 on page 56 and *at the same time*, using A and B alternately, work motifs as folls: Remember to select on row before.

PUNCHCARD MACHINES

RIGHT LEG

RC 10: work motif over Ns 13-36 at right of centre '0'.

RC 60: work motif over Ns 12-0-12.

RC 110: work motif over Ns 36-13 at left of centre '0'.

RC 160: work motif over Ns 13-36 at right of centre '0'.

RC 210: work motif over Ns 12-0-12.

RC 260: work motif over Ns 36-13 at left of centre '0'.

AFTER START OF CROTCH SHAPING

RC 40: work motif over Ns 13-36 at right of centre '0'.

RC 90: work motif over Ns 36-13 at left of centre '0'.

LEFT LEG

Reverse position and colours of motifs.

ELECTRONIC MACHINES

RIGHT LEG

RC 10: work motif over Ns 16-32 at right of centre '0'.

RC 60: work motif over Ns 9-0-8.

RC 110: work motif over Ns 32-16 at left of centre '0'.

RC 160: work motif over Ns 16-32 at right of centre '0'.

RC 210: work motif over Ns 9-0-8.

RC 260: work motif over Ns 32-16 at left of centre '0'.

AFTER START OF CROTCH SHAPING

RC 40: work motif over Ns 16-32 at right of centre '0'.

RC 90: work motif over Ns 32-16 at left of centre '0'.

LEFT LEG

Reverse position and colours of motifs.

TO MAKE UP

Weave in ends and secure any long floats as necessary. Now foll instructions given for stocking stitch leggings.

9. LEGWARMERS

MACHINES: These instructions are written for standard gauge punchcard or electronic machines with ribber

YARN: Forsell 4 ply Wool

FIBRE CONTENT: 100% Wool

COLOUR: We used Clerical Grey 165 (MC) and Ivory 100 (C)

STOCKISTS: See Snowflake Sweater pattern for details

SIZE

Small[medium:large].

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Forsell 4 ply Wool.

Approx 80g in MC.

Approx 50g in C.

MAIN TENSION

32 sts and 41 rows to 10cm measured over Fair Isle patt (tension dial approx 6).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment

and should not be used to measure work on the machine.

PUNCHCARD PATTERN

Punch card 1 as given for Lady's Jacket, pattern 6 on page 61 before starting to knit.

MYLAR SHEET PATTERN

Fill in mylar sheet for pattern 1 as given for Lady's Jacket, pattern 6 on page 62 before starting to knit.

LEGWARMER (KNIT TWO)

With RB in position, set machine for 2x1 rib. Push 80[85:90] Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 2x1 rib.

Using MC, cast on and K2 tubular rows.

Set RC at 000. Using MT-4/MT-4, K20 rows.

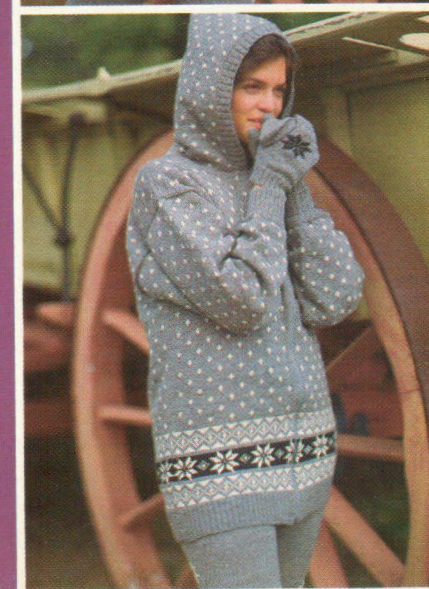
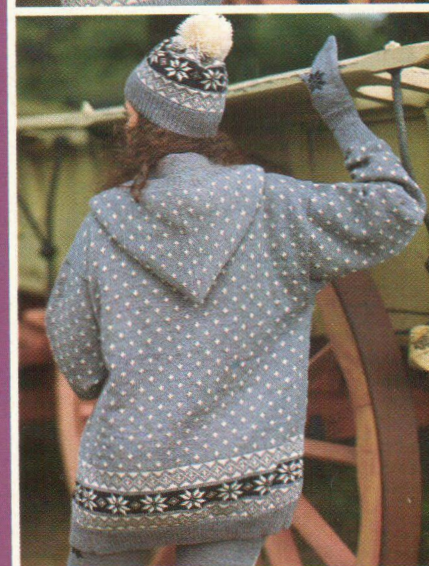
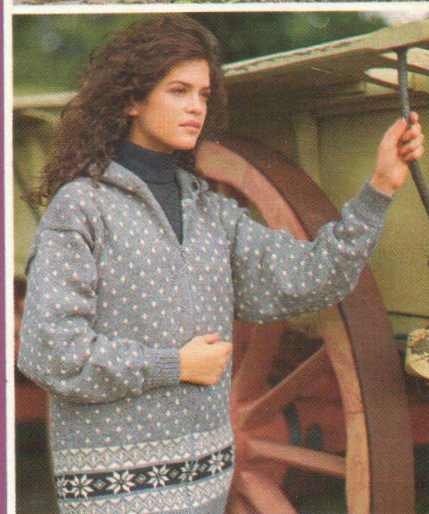
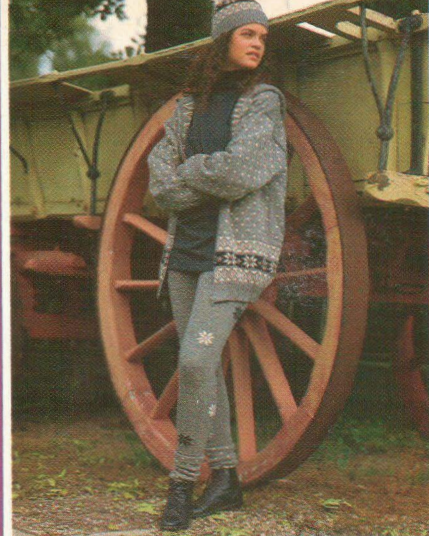
Transfer sts to MB. Insert punchcard and lock on first row or insert mylar sheet and program for patt. Set machine for patt. Using MT, K1 row.

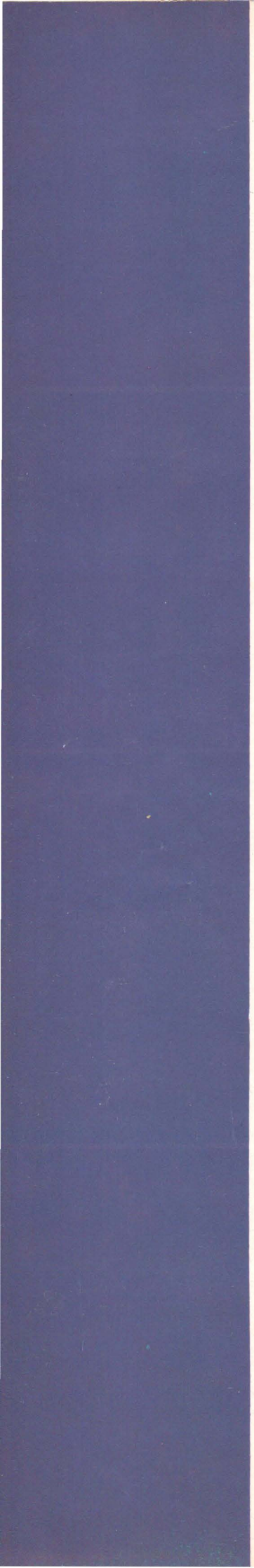
Set RC at 000. Release punchcard. Set carriage for Fair Isle knitting. Using MC+C, K3 rows. Using MC only, K4 rows. Rep these 7 rows throughout and *at the same time*, inc 1 st at each end of every foll 10th row, 5 times. 90[95:100] sts.

K until RC shows 100.

Bring RB into WP. Arrange sts for 2x1 rib.

Set RC at 000. Using MC and MT-4/MT-4, K20 rows. Cast off. Join seam.





Attaching a

BAND

Having spent two issues discussing dividing work using a neckline as an example, it seems logical to take a little step sideways and deal with attaching a neckband. Certainly, this is something I am constantly asked about, particularly by knitters who came straight to Duos or 6000E without having a Japanese machine first. Even though I say 'neckband', this is just as relevant to attaching any sort of band such as a pocket tab, or button band on a cardigan.

There are many books and articles which tell you how to attach a band to a nice clean edge such as you get when you shape in the traditional manner but it is not so easy to find out how to attach a band when there is not an edge to make stitches from. In the last issue, I discussed some ways of marking out a neckline whilst knitting — what I call semi cut and sew — which then had to be stabilised with either a sewing machine or an overlocker. Whilst a sewn edge is perfectly acceptable from the practical side, it does require different treatment when it comes to applying a band. No matter how nicely you have stitched around, a cut and sewn edge is not necessarily a thing of

This month Irene explains methods of attaching bands to produce a neat, professional finish



beauty so it may need to be hidden.

One method is to knit the band on to waste yarn and then backstitch through the held stitches to attach the band. This is a very satisfactory method, but can be so time consuming especially when you are trying to get it done in artificial light.

For both methods I describe, the band is attached on the machine, but without the need to push the work up between the beds. This gives an even distribution of the band as the centre of the garment can be matched to the centre of the band and quarter points etc also matched. Of course, these are not the only methods nor are they suitable for every case. Bands can only be attached in the ways I describe when the edge can

be opened out to form a straight line. In the case of a round neckline, this would mean leaving a shoulder seam open or applying the front and back neckbands separately before joining the shoulder seams. With a 'V' neck, because there can be a join at the centre front and another at the centre back (and both 'halves' are equal), it is possible to apply the neckband without leaving a shoulder open.

Leaving personal preference aside, the method you decide upon depends on whether the wrong side of the join is going to be visible or not. On closed neckbands such as round necks, 'V' necks and polo necks, the seam will always be to the inside, against the body so the cut edge does not really need to be covered.

Have the necessary garment

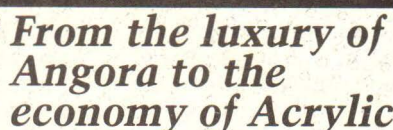
pieces ready. Hold the neckline against the needle scale to calculate how many stitches are necessary for the neckband and then knit the band. I have used ribbing but this works equally well with long stitch, Jacquard or other types of band. The only thing to remember is that the right side of the band must be facing you while you knit it. Transfer all the stitches to the back bed. If appropriate, you can knit two rows of stocking stitch to give a flatter join. Bring out a back bed pusher for every needle working and put these in the upper working position. They will not be used to knit but will act as stops for the needle butts to prevent the stitches becoming too big when knitting through. Drop the front bed and at this stage I usually take the precaution of draping it with a cloth to protect the garment. The right side is going to be lying over the front bed and it would be so easy for it to pick up an oil stain. If you are a beginner, find and mark the centre of the neckline as well as the quarter points. With the wrong side of the garment facing, put the eyelet end of the orange tool through the work below the stitching just to the left of centre and pull the first back bed needle on the left of centre through the

BAND

to the band so that there is no tension on it. It always takes much more than you think it is going to so it is better to pull out too much and cut it off later than to have to stop to pull out more. Using this yarn, manually knit through the needles, moving the butts back as far as the pushers. Break the yarn. Bring the needles forward so that the stitches go behind the latches and cast off using the latch method. If you cannot latch off, cast off in the normal way which will also give an acceptable finish. If appropriate, you can fold

As before, pull the back bed needles through the garment, just above the row of machining. They only need to peep through. Now transfer the front bed stitches on to the back bed needles. The stitching should be 'sandwiched' between the stocking stitch sections on each bed. Lower the front bed. Bring the back bed needles forward so that the stitches go behind the latches. Close the latches — I flip them shut using the edge of a sheet of paper. Carefully push the needles back so that the stitches hang on the hinge of the latch. Manually knit off each needle using the end of yarn as before. Very carefully, bring the garment forward so that it hangs over the front bed. Cast off using the latch method but if you cannot manage that, cast off in the normal way. In this case you won't have the chain effect that you can see in Swatch D, but the results should be acceptable. Swatch C shows the right side of the garment. Neither of these methods are difficult, but they do require a bit of manual

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Irene Krieger

Swatch A



Swatch C



Swatch B



Swatch D



dexterity and concentration. You will not require assistance or helpful advice from small children, spouses or household pets so plan to experiment when you are not likely to be interrupted or under time pressure. It is not a good idea to try them for the first time on an actual garment. Practice on some of the pieces that you have hidden because the yarn is too good to throw away and you will eventually get around to unpicking (ha ha). Until next month,

Irene

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Around the World 

10 Chinese Dragon Jacket



MACHINES: These instructions are written for standard gauge punchcard machines without ribber

YARN: Simply Shetland 2/8s Shetland

FIBRE CONTENT: 100% Wool

COLOUR: We used Burnett (MC), Black (A), Navy (B), Harvest (C), Dune (D), Saffron (E), Sunset (F), Mallard (G), Storm (H) and Peacock (J)

STOCKISTS: To obtain this yarn, please write to Simply Shetland, 9 West Port, Edinburgh EH1 2JA

SIZES

To suit bust 81-86[86-91:91-96]cm.

Finished measurement 88[92:98]cm.

Length 44[45.5:46.5]cm.

Sleeve seam 47.5cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

The start of a six part series from 'Around the World'
Our first stop is China where designer, Emma Day, gets inspiration from a Chinese Dragon for this colourful jacket



MATERIALS

Simply Shetland 2/8s
Shetland.
200g in MC and A.
50g in B.
30g in C.
25g in D.
40g in E.
25g in F and G.
100g in H.
200g in J.

GARMENT WEIGHS

386g for size 86-91cm.

MAIN TENSION

Wash, dry and steam press tension swatch before measuring.

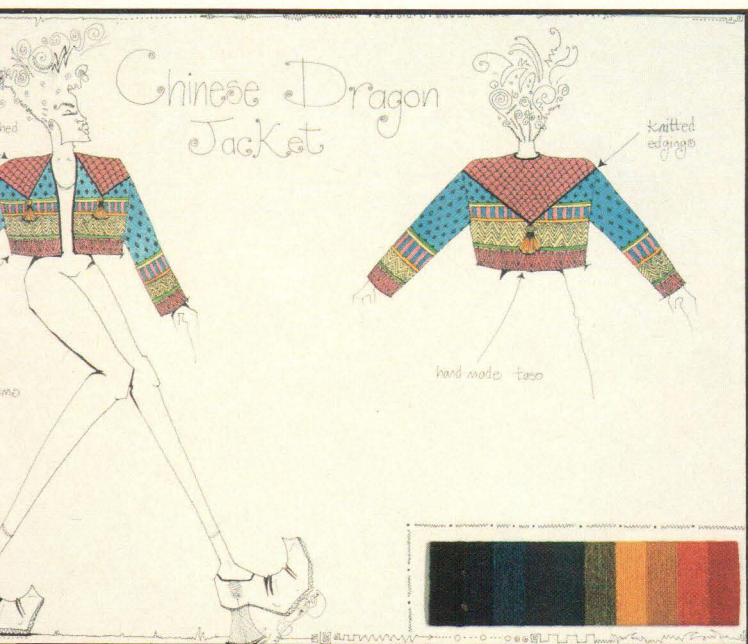
32 sts and 33 rows to 10cm measured over patt sequence (tension dial approx 8). Tension must be matched exactly before starting garment.

This Chinese dragon jacket was inspired by ancient Chinese textiles, porcelain and painted wooden boxes. China seems to be one of those timeless countries where culture and especially art forms have changed very little since early stages of civilisation. Chinese art and decoration, in common with most eastern nations, shows an

almost instinctive harmonising of colours, patterns and line derived from the development of primitive ideas by successive generations of artists improving on each other's efforts. Some of the most beautiful Chinese decorations are those based on geometrical combinations. Chinese textiles show the ability to balance successfully both the fullest tones of colour and the most delicate shades — the tone of the background of any fabric is always in harmony with the quality and quantity of ornament which it has to support.

The initial storyboard or inspiration shows elements derived from fretwork, small repetitive geometric patterns, and stylized flowers and leaves. The colours are also significant — deep rich reds, greens, blues and golds, faded and aged by the centuries.

I chose a simple modern style and added layering and tassels to complete the ancient eastern look.



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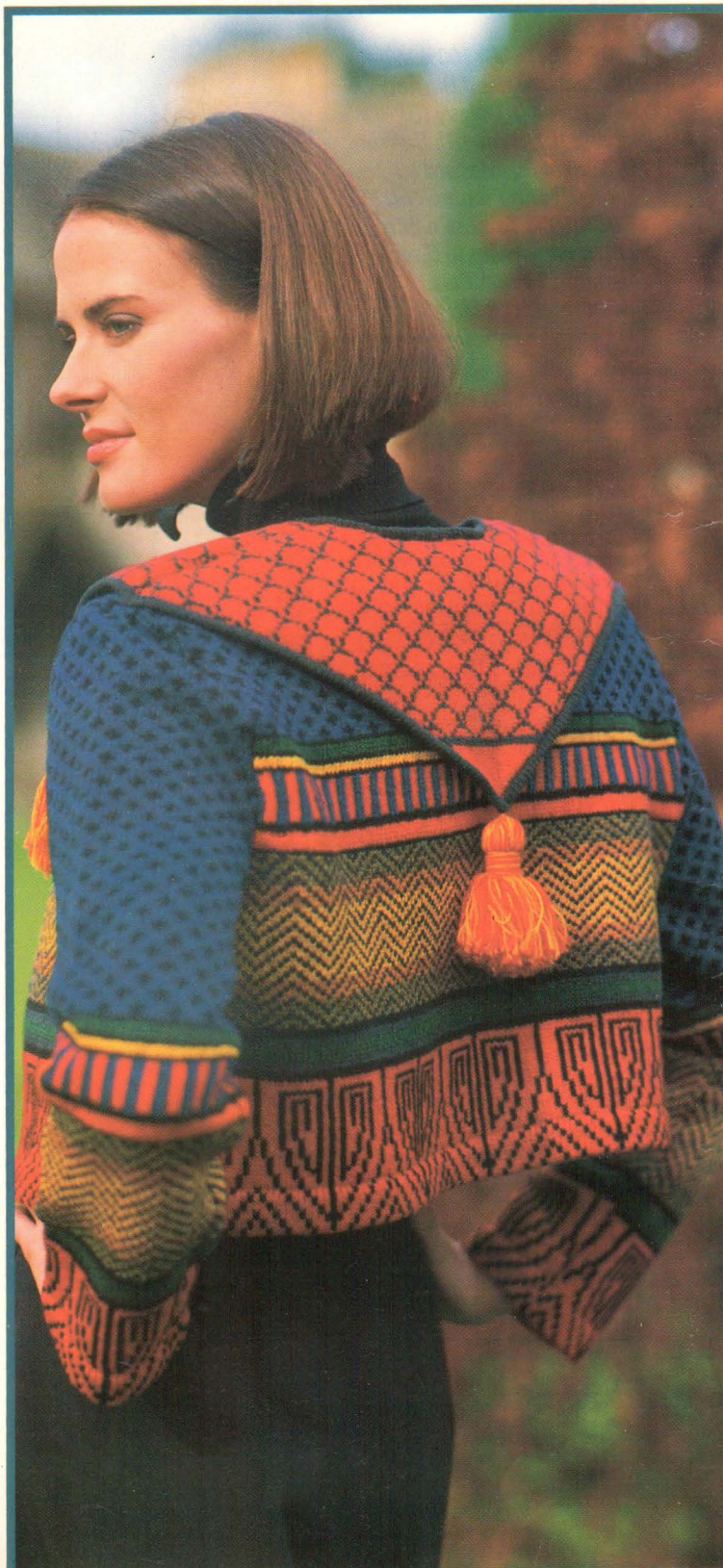
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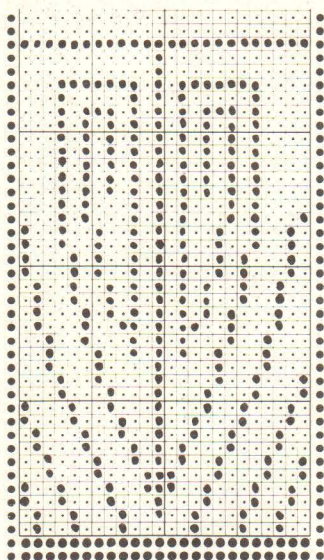
MKN 2/93

MC and MT-2, K10 rows. Insert punchcard 1 and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting.



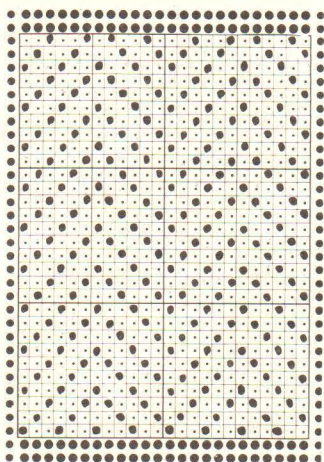
Around the World with

PUNCHCARD 1



MC+A and MT, K26 rows.
Set machine for st st.
A, K2 rows.
H, K2 rows.
G, K3 rows.
H, K2 rows.

PUNCHCARD 2



A, K1 row.
Insert punchcard 2 and lock
on first row. Set machine for
patt. K1 row. Release
punchcard. Set carriage for
Fair Isle knitting.
C+B, K6 rows.
D+B, K4 rows.
E+B, K15 rows.
D+B, K4 rows.

C+B, K6 rows.
Set machine for st st.
A, K1 row.
F, K4 rows.
A, K1 row.
Insert punchcard 3 and lock
on row. Set machine for
patt. K1 row. Do not release
punchcard. Set carriage for
Fair Isle knitting.
MC+J, K10 rows.
Set machine for st st.
A, K1 row.
E, K2 rows.
A, K1 row.
G, K3 rows.
A, K1 row.
Insert punchcard 4 and lock
on first row. Set machine for
patt. K1 row.
Release punchcard.
Set carriage for Fair Isle
knitting.
J+A, work to end.

BACK

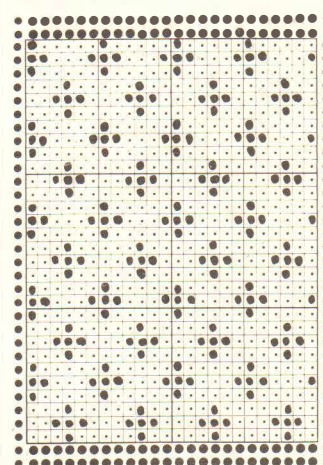
Push 66[70:74] Ns at left and
right of centre '0' to WP.
132[140:148] Ns. Using WY,
cast on and K a few rows
ending CAR.

PUNCHCARD 3

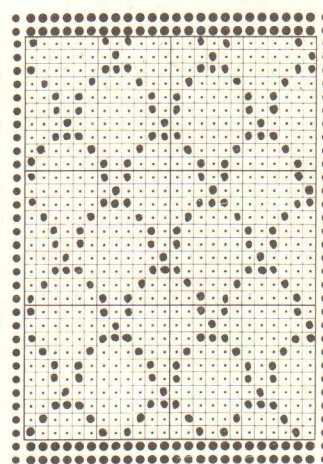


Keep locked on row

PUNCHCARD 4



PUNCHCARD 5



Set RC at 000. Using MT,
work in patt sequence given,
K22 rows.

Pick up loops from first row
worked in MC and hang on
to corresponding Ns to make
hem.

Cont in patt sequence, inc 1
st at each end when RC
shows 28, 42, 57 and 69.
140[148:156] sts.

K until RC shows 82.

SHAPE ARMHOLES

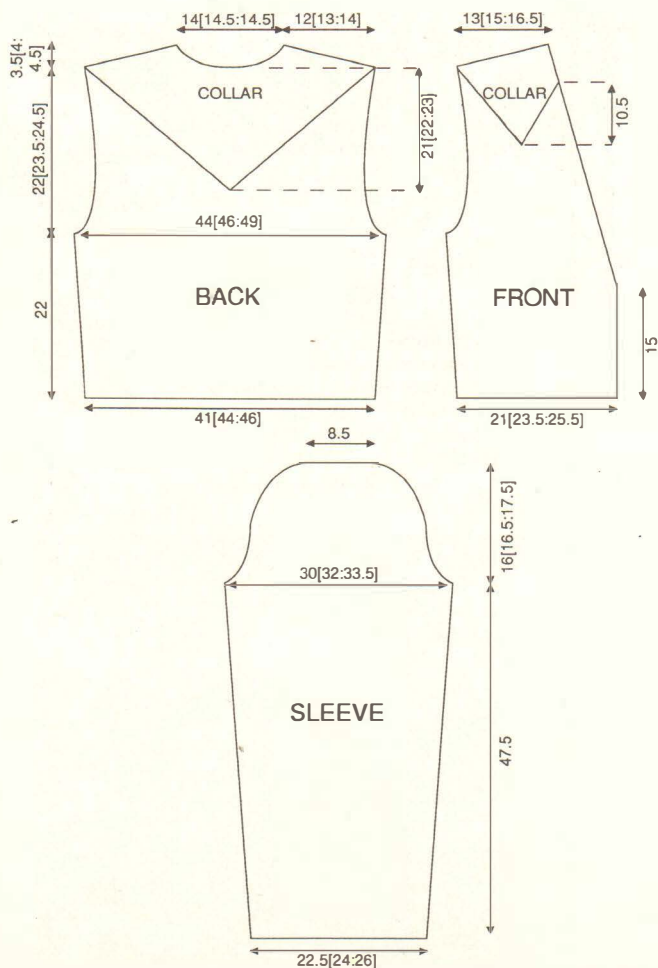
Cast off 5 sts at beg of next 2
rows.

Cast off 2 sts at beg of next 4
rows.

Dec 1 st at each end of next
2 rows. K4 rows.

Dec 1 st at each end.
116[124:132] sts.

K until RC shows 134. Inc 1
st at each end, K until RC
shows 140.



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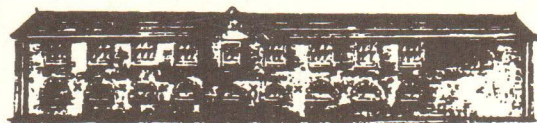
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Inc 1 st at each end, K until
RC shows 148.

Inc 1 st at each end, K until
RC shows 155[159:163].
122[130:138] sts. CAL.

SHAPE SHOULDERS

** Cast off 4 sts at beg of
next 2 rows.

Cast off 5 sts at beg of next 2
rows.

Cast off 6 sts at beg of next 2
rows. 92[100:108] sts. RC
shows 161[165:169]. CAL.

SHAPE NECK

Make a note of row on
punchcard. Set carriage to
hold. Push 59[63:67] Ns at
right to HP. Cont over rem
33[37:41] sts at left for first
side.

Cast off 6 sts at shoulder
edge, K1 row. Push 1 N at
neck edge to HP. K1 row.

Push 1 N at neck edge to HP.
K1 row.

* Cast off 6 sts at shoulder
edge and push 2 Ns at neck
edge to HP, K1 row.

Push 1 N at neck edge to HP,
K1 row *.

Rep from * to *, once more.
RC shows 167[172:175].

SIZE 81-86cm

Cast off 6 sts at shoulder
edge and push rem 2 Ns to
HP.

SIZES 86-91[91-96]cm.

Cast off 6 sts at shoulder
edge and push 2 Ns at neck
edge to HP, K1 row.

Push 1 N at neck edge to HP.
K1 row.

Cast off 3 sts at right edge.
0[4] sts. K 0[1] row.

Cast off.

ALL SIZES

Return 33[37:41] sts at left
from HP to WP. Reset
punchcard on row
previously noted. Reset RC
at 161[165:169]. Complete to
correspond with first side,
reversing shapings.

Cancel hold. Release rem
44[46:46] neck sts on WY.

LEFT FRONT

Push 39[46:53] Ns at left and
29 Ns at right of centre '0' to
WP. 68[75:82] Ns. Using WY,
cast on and K a few rows



ending CAR. Set RC at 000.
Using MT, work in patt
sequence given.

K until RC shows 22. Pick up
loops from first row worked
in MC and hang on to
corresponding Ns to make
hem. Cont in patt sequence.
K until RC shows 47.

Inc 1 st at left, K until RC
shows 59.

Inc 1 st at left and dec 1 st at
right, K until RC shows 69.

Inc 1 st at left and dec 1 st at
right, K until RC shows 73.

Dec 1 st at right on next and
foll 7th row. 67[74:81] sts. K
until RC shows 83. CAL.

SHAPE ARMHOLE

Cast of 7 sts at left and dec 1
st at right, K until RC shows
87.

Cast off 3 sts at left and dec
1 st at right, K1 row.

Dec 1 st at left on every row,
5 times. 50[57:64] sts. K1
row.

Dec 1 st at right, K until RC
shows 96.

Dec 1 st at each end, K until
RC shows 101.

China

Around the World with

Dec 1 st at right, K until RC shows 107.

Dec 1 st at right on next and every foll 5th row, 4 times in all. 42[49:56] sts. K until RC shows 125.

Inc 1 st at left, K until RC shows 127.

Dec 1 st at right, K until RC shows 132.

Dec 1 st at right and inc 1 st at left, K until RC shows 137.

Dec 1 st at right and inc 1 st at left, K until RC shows 142.

Dec 1 st at right and inc 1 st at left, K until RC shows 146.

Dec 1 st at right and inc 1 st at left, K until RC shows 149.

Dec 1 st at right and inc 1 st at left, K until RC shows 153.

Dec 1 st at right. 41[48:55] sts. K until RC shows 155[159:163]. CAL.

SHAPE SHOULDER

*** Set RC at 000. Cast off 5 sts at beg of next and foll alt row. K1 row.

Cast off 7 sts at beg of next and foll alt row. K1 row.

Cast off 8 sts at beg of next and every foll alt row, 1[2:3] times in all. K1 row. RC shows 10[12:14]. Cast off rem 9[8:7] sts.

RIGHT FRONT

Work as given for left front, reversing needle settings and shapings. Commence armhole shaping when RC shows 82 and shoulder shaping when RC shows 156[160:164].

SLEEVES

Push 36[39:42] Ns at left and right of centre '0' to WP. 72[78:84] Ns.

Using WY, cast on and K a few rows ending CAR. Set RC at 000.

Using MT, work in patt sequence given.

K22 rows. Make a hem by picking up loops from first row worked in MC and hanging on to corresponding Ns.

K2 rows.

Inc 1 st at each end of next and every foll 12th row, 12 times in all. 96[102:108] sts. K until RC shows 168.

SHAPE TOP

Cast off 6 sts at beg of next 2 rows.

Cast off 3 sts at beg of next 2 rows.

Dec 1 st at beg of next 45 rows. RC shows 217. 33[39:45] sts.

Dec 1 st at each end of every row, 3[6:9] times. RC shows 220[223:226].

Cast off rem 27 sts.

BACK COLLAR

Push 1 N at left and 1 N at right of centre '0' to WP. 2 Ns. Using MC, cast on by hand. CAR. Set RC at 000. Using MC and MT, K2 rows.

Inc 1 st at each end of every row, 13 times. RC shows 15. 28 sts.

Using H, inc 1 st at each end, K1 row. 30 sts.

Insert punchcard 5 and lock on first row. Set machine for patt. Inc 1 st at each end, K1 row. 32 sts.

Release punchcard. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and H in feeder 2/B, work in patt. Cont to inc 1 st at each end of every row, 45[49:53] times. 122[130:138] sts. K 1 row. RC shows 63[67:71]. CAL.

SHAPE SHOULDER AND NECK

Shape shoulder and neck as given for back from ** to end.

BACK COLLAR EDGING (KNIT TWO)

Push 70[78:86] Ns to WP. With wrong side facing, hang edge of collar from point to shoulder on to Ns.

**** Set RC at 000. Using H and MT-3, K9 rows. Pick up loops from first row of H and hang on to corresponding Ns. K1 row. Cast off ****.

Rep for opposite side, but picking up and knitting 2 extra sts from edging just worked.

LEFT FRONT COLLAR

Push 1 N at left and 1 N at right of centre '0' to WP. 2 Ns.

Using MC, cast on by hand. CAR. Set RC at 000.

Using MC and MT, K2 rows.

Inc 1 st at each end, K2 rows, 9 times. RC shows 20. 20 sts. Using H, inc 1 st at each end, K1 row.

Insert punchcard 5 and lock on first row. Set machine for patt. Inc 1 st at each end, K1 row. 24 sts. Release punchcard. Set carriage for Fair Isle knitting. Using MC in feeder 1/A and H in feeder 2/B, work in patt.

Cont to inc 1 st at each end of every foll alt row, 5 times in all. 34 sts. K2 rows. RC shows 34. Inc 1 st at left edge on every foll alt row, 15[22:29] times and *at the same time*, dec 1 st at right edge on every foll 3rd row, 8 times. Keep right edge straight until RC shows

64[78:92]. 41[48:55] sts. K1 row. CAL.

SHAPE SHOULDER

Shape shoulder as given for front from *** to end.

RIGHT FRONT COLLAR

Work as given for left front, reversing shapings.

FRONT COLLAR EDGING (KNIT FOUR)

Push 28[35:42] Ns to WP. With wrong side facing, hang outside edge of front collar from point to shoulder evenly on to Ns. Work as given for back collar edging from **** to ****.

Rep over opposite side of front collar picking up 28 sts to point and 2 extra sts from edging just worked.

TO MAKE UP

Wash and dry all pieces. With wrong side facing, block out to correct measurements and steam press.

Lay back collar on to back

pieces, matching shoulder. Tack pieces tog along shoulder and neck edges.

Lay front collar pieces on to fronts and tack in place along shoulder and neck edge. Join shoulder seams (four layers of fabric) easing extra width of front shoulder as necessary.

NECK AND FRONT EDGING (KNIT TWO)

Push 160[168:176] Ns to WP. With wrong side facing, hang half back neck over 18[21:24] Ns and front edge over 142[147:152] Ns. Ensure neck edges of front and back collar are also hung on to appropriate Ns. Work as given for back collar edging from **** to ****.

Rep for rem half of garment. Sew in sleeves. Join side and sleeve seams.

Join centre back neck edging seam.

Make three tassles using MC, C, D, E and F and attach to point of back and front collars.

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This month we are going to work on some Aran style fabrics, starting with a straightforward textured pattern which is completely automatic, and then moving towards a more authentic Aran look involving some handwork. I have knitted my samples in 4 ply on a Silver Reed SK840, which is the standard gauge version of the Silver Reed electronic modular system. However, if you have the SK890, the chunky version or the SK860, the double knitting gauge, you will be able to come up with some really authentic looking, heavier weight Aran style fabrics. Fine gauge owners can, of course, work with the following instructions too, but the effect will obviously be much finer.

SWATCH 1

Let's start with a textured fabric which is completely automatic so will, of course, be much quicker to knit if you want to knit a sweater with the general impression of an Aran sweater. Insert electronic design card 4, pattern 29, from the basic set. Pattern width indicator 0 left, 25 right. Button 1 right (this is the reverse colour button). We use it in this case to make the black rectangles tuck and the blank rectangles knit plain. Button 2 left. Button 3 on (this is the double length button). We

to use this pattern to knit a whole garment, you should draw only the first 12 rows of the pattern we are using on to a blank design sheet, so you don't have to manually take the card back to the beginning each time. Point cams at the edge of the knitting.

Needle 1 cam at needle 6 left of centre 0. I have placed it here so that the centre of the diamond is in the centre of the knitting.

Cast on 35 stitches each side of centre 0 and knit a few rows. Inspection light off. Set carriage to knit tuck stitch.

* Knit 24 rows (each row of the pattern is knitting twice because we are using the elongation button). Inspection light on.

Turn card back to row 1 of pattern.

Inspection light off *.

This is the section that we are doing manually for the swatch, but wouldn't have to do if we drew the first 12 rows of the pattern on to a blank design sheet. Repeat from * to * throughout.

SWATCH 2

Now we are going to introduce a plain section into this fabric so that we can add mock cables later, for a more heavily textured and authentic Aran look. We are going to use two sets of point cams to introduce a plain section but, again, if you want to knit a whole garment, redraw the pattern

The first point cam the carriage passes tells the machine to start patterning, the second one to stop patterning, the third one to start patterning, the fourth one to stop patterning and so on.

are using it to make the tuck pattern more pronounced. Each stitch will now tuck for 4 rows instead of 2 rows. We are not going to knit the full length of the pattern, so the following instructions include taking the card back to the beginning after knitting a certain number of rows. However, if you want

omitting the zigzag section of it. In the meantime, it will be good practice for you to use two sets of point cams.

Two sets of point cams

Here is a brief explanation of the theory of using two sets of point cams. As you knit, the point cam nearest the carriage tells your machine

to start patterning. The next point cam the carriage passes tells your machine to stop patterning and to continue in plain knitting. This is why you place a point cam at each edge of the knitting for an all-over pattern or, for a single motif, place them where you want the pattern to knit.

However, exactly the same thing happens when you use two or more sets of point cams. The first point cam the carriage passes tells the machine to start patterning, the second one to stop patterning, the third one to start patterning, the fourth one to stop patterning and so on. Therefore, we are going to use two sets of point cams to introduce some plain sections of knitting. You could also note

that each set of point cams needs its own Needle 1 cam. Needle 1 cams 20 left and right of centre 0. This will now place the diamonds to either side of centre 0 instead of in the centre as we had in Swatch 1. Point cams (two sets) 21 left, 8 left, 8 right and 21 right of centre 0. This will give us a plain section in the middle, which we are going to embellish later with mock cables. You could make a cable in this section while you knit, if you prefer, but I rather like the chunkier effect you can get with strips of knitting sewn on afterwards. You could also introduce bobbles into this section if you like.

Use the same pattern as Swatch 1, sheet 4, pattern 9. Set the pattern width

ARA

From textured patterns to a more authentic Aran look, Laraine explains the techniques

N



Style Fabrics

indicators to left 0, right 13. Buttons 1 right, 2 left, 3 on. Cast on 35 stitches each side of centre 0 and knit a few rows. Set carriage for tuck stitch.

Inspection light off.

* Knit 24 rows.

Inspection light on.

Turn card back to row 1 of pattern.

Inspection light off *.

As with Swatch 1, we are doing this section manually to save redrawing the pattern without the last 8 rows.

Repeat from * to * throughout.

Rouleaux for decoration

Rouleaux are usually made over four needles but, because I wanted something a little thicker, I knitted mine over five needles.

Remember to reduce your tension considerably when knitting a rouleau. For example, I knitted my swatch with the tension dial set to 8, whereas I knitted the rouleaux on tension 3.

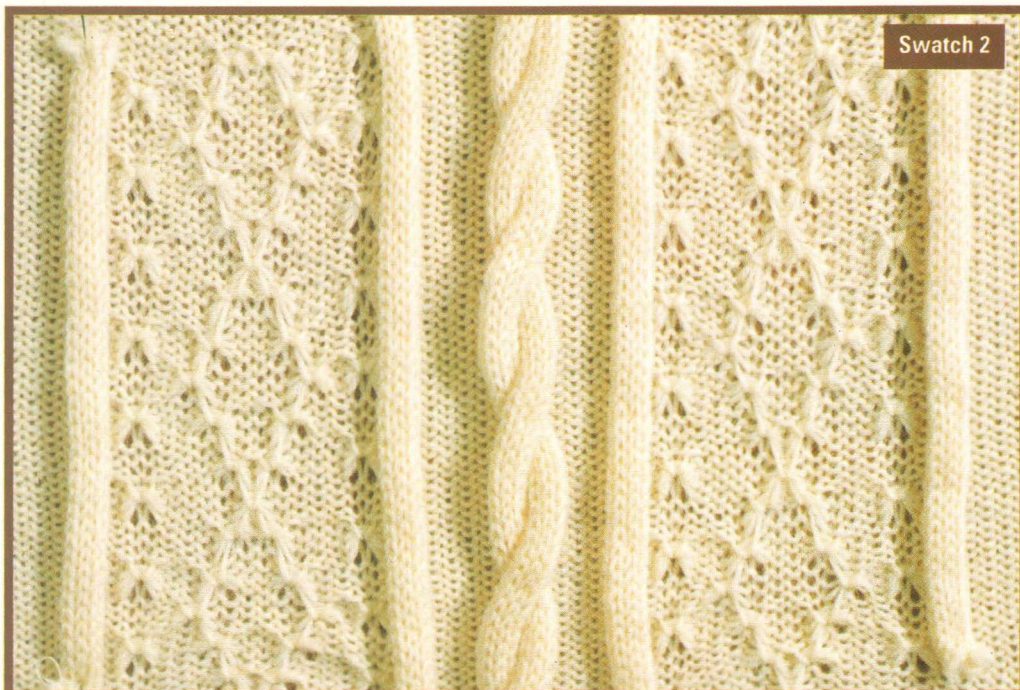
Knit several lengths of rouleau, lay them on to the pressed swatch to form mock cables and catch down

into position using sewing thread. A small stab stitch every 1.5cm or so will be sufficient. I also added strips of rouleau at either side of the patterning to give even more texture. Why don't you spend the next few weeks experimenting with combinations of different

tuck stitch patterns, plain sections and applied texture in the form of bobbles and rouleaux. You should be able to come up with some beautiful and intricate machine knit versions of the Aran style.

Laraine

Yarns used:
Forsell Pure New Wool 4 ply.
Cream — 100 Ivory.
For stockist information, write to
T. Forsell & Son Ltd,
Blaby Road,
South Wigston,
Leicester LE8 2SG.



SPECIAL OFFER

11

**Lady's
Check
Jacket**



MACHINES: These instructions are written for standard gauge punchcard machines with ribber

MACHINES WITHOUT

RIBBER: See page 113

YARN: Evergreen

Eco-Friendly Wool/Acrylic Collection

FIBRE CONTENT: 50% Wool, 45% Acrylic, 5% other fibres

COLOUR: We used Heather 07 (MC), Peat 017(A), Purple 08 (B) and Grey 012(C)

STOCKISTS: For details of special offer see page 80

SIZES

To suit bust 86[91:96:101:106]cm.

Finished measurement 100[105:110:114:120]cm.

Length 63[63.5:65:66:66.5]cm.

Sleeve seam 46[46.5:47:47:47]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Evergreen Eco-Friendly Wool/Acrylic Collection
1 x 400g cone in MC.

1 x 150g cone in A, B and C.

Open-ended zip to fit front opening.
72[77:82:87:92]cm of 2.5cm wide elastic.

GARMENT WEIGHS

553g for size 96cm.

MAIN TENSION

Wash, dry and press tension swatch before measuring.

30 sts and 42 rows to 10cm measured over Fair Isle patt (tension dial approx 7).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side. Measurements given are those of finished garment and should not be used to measure work on the machine.

FABRIC SKIRT AND SHAWL

Use a straight skirt pattern of your own choice. Cut shawl to required size and fringe edges for approx 3cm.

PUNCHCARD PATTERN

Punch card before starting to knit.

COLOUR SEQUENCE

MC+A, K13 rows.

B+C, K2 rows.

MC+A, K3 rows.

C+B, K13 rows.

MC+A, K2 rows.

C+B, K3 rows.

A+MC, K13 rows.

C+B, K2 rows.

A+MC, K3 rows.

B+C, K13 rows.

A+MC, K2 rows.

B+C, K3 rows.

Rep these 72 rows throughout.

BACK WAIST CASING

Push 132[140:148:154:160] Ns to WP. Using WY, cast on and K a few rows. Set RC at 000. Using MC and MT, K12 rows. Release on WY.

FRONT WAIST CASING (KNIT TWO)

Push 66[70:74:77:80] Ns to WP. Using WY, cast on and

K a few rows. Set RC at 000. Using MC and MT, K12 rows. Release on WY.

BACK

Push 74[78:82:86:89] Ns at left and right of centre '0' to WP. 148[156:164:172:178] Ns. Using WY, cast on and K a few rows ending CAR.

Set RC at 000. Using MC and MT-2, K9 rows. Insert punchcard and lock on first row. Set machine for patt. K1 row. Set RC at 000. Do not release punchcard. Set carriage for Fair Isle knitting. Using MC+A and MT, work in Fair Isle. K10 rows. Pick up loops from first row worked in MC and hang on to corresponding Ns to form hem.

Dec 1 st at each end of next and every foll 10th row, 8[8:8:9:9] times in all. 132[140:148:154:160] sts. K until RC shows 86[88:90:92:94].

ATTACH CASING

With wrong side of back waist casing facing, hang loops from first row worked in MC on to Ns. Now release punchcard and foll colour sequence given, work in patt. K until RC shows 98[100:102:104:106]. Pick up loops from rem side of casing and hang on to corresponding Ns.

K until RC shows 101[105:107:111:108]. Inc 1 st at each end of next and every foll 5th row, 9[9:9:9:10] times in all. 150[158:166:172:180] sts. K until RC shows 146[150:152:156:158].

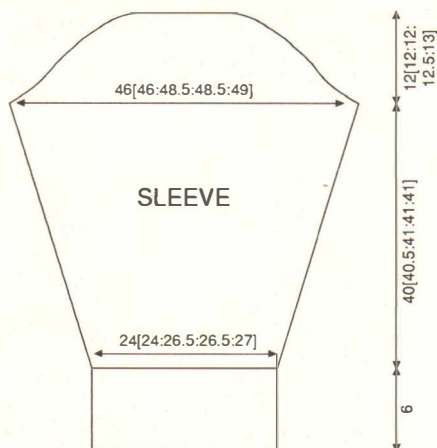
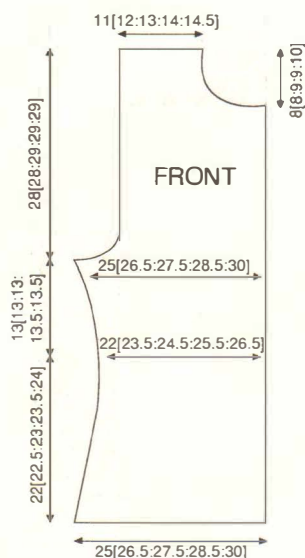
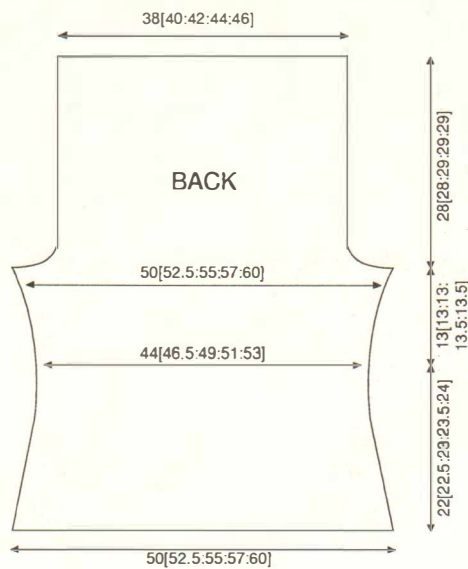
SHAPE ARMHOLES

Cast off 8[8:10:10:10] sts at beg of next 2 rows. Dec 1 st at each end of next 10[11:10:10:11] rows. 114[120:126:132:138] sts. K until RC shows 264[268:274:278:282]. Mark the centre 46[46:48:48:50] sts. Cast off loosely.

RIGHT FRONT

Push 74[78:82:86:89] Ns at





MT, K1 row. Using WY, K a few rows and release from machine.

FRONT BAND (KNIT TWO)

Push 182[184:186:188:190] Ns to WP. With right side facing, hang one front edge including half of neckband depth evenly on to Ns.

Set RC at 000. Using MC and MT, K16 rows. Using WY, K a few rows and release from machine. Rep for rem front edge.

TO MAKE UP

Wash and dry all pieces. With wrong side facing, block pieces out to correct measurements and press.

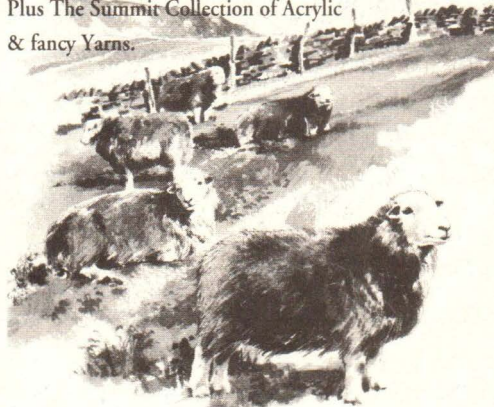


Fold neckband in half to right side and backstitch in place through open loops of last row worked in MC. Remove WY. Fold front bands in half to right side and backstitch in place. Remove WY. Sew in sleeves. Join sleeve seams. Join side seams and casing

seams separately. Thread elastic through waist casing and secure at centre front bands. Using all four colours, make two 40cm twists of yarn. Attach one to each front approx 5cm in from band and at casing level. Knot and fringe ends. Insert zip.

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FAMILY CLASSICS

12

Classic Polo Neck Sweater



MACHINES: These instructions are written for all standard gauge machines with ribber but are also suitable for Passap/Pfaff double bed machines

YARN: King Cole Anti-Tickle 4 ply Wool

FIBRE CONTENT: 100% Wool

COLOUR: We used Red, Navy and Ivory (MY)

STOCKISTS: If you have any difficulty in obtaining this yarn, please write to King Cole Ltd, Merrie Mills, Old Souls Way, Bingley, W. Yorks BD16 2AX

SIZES

To suit bust/chest 61-66[71-76:81-86:91-96:101-106:111-116]cm.

Finished measurement 78[88:98:108:118:128]cm.

Length 54[55:57:68.5:69.5:71]cm.

Sleeve seam 41[41:48:48:48:48]cm.

Figures in square brackets [] refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

King Cole Anti-Tickle 4 ply Wool.

1[1:1:2:2:2] x 500g cone in MY.

GARMENT WEIGHTS

387g for size 71-76cm.

516g for size 91-96cm.

613g for size 111-116cm.

MAIN TENSION

31 sts and 42 rows to 10cm measured over st st (tension dial approx 6**).

Tension must be matched exactly before starting garment.

PASSAP/PFAFF MACHINES

The main tension given for st st must be matched.

Approx SS 5½ for st st.

Approx SS 3½/3½ for 1x1 rib.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment and should not be used to measure work on the machine.

BACK

* With RB in position, set machine for 1x1 rib. Push 121[137:151:167:183:199] Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. CAR.

Using MY, cast on and K3 tubular rows.

Set RC at 000. Using MT-4**/MT-4**, K 26[26:30:30:30:30] rows. Transfer sts to MB.

Set RC at 000. Using MT, K 100[100:142:142:142:142] rows.

SHAPE ARMHOLES

Place a marker at each end. Set RC at 000. Dec 1 st fully fashioned method, at each end of next and every foll alt row, 19[19:20:20:21:21] times in all. K1 row. RC shows 38[38:40:40:42:42]. 83[99:111:127:141:157] sts. Place a marker at each end *.

Set RC at 000. K44 rows.

SHAPE SHOULDERS

Place a marker at each end. Set RC at 000. Dec 1 st at each end of next and every foll alt row, 6[5:6:2:0:0] times in all. K 1[1:1:1:0:0] row.

Dec 1 st at each end of every row, 12[18:22:32:40:46] times. 47[53:55:59:61:65] sts. RC shows 24[28:34:36:40:46]. Cast off loosely.

FRONT

Work as given for back from * to *. Set RC at 000. K 44[46:54:56:58:60] rows. CAR.

SHAPE NECK

Using a separate length of MY, cast off the centre 27[33:33:37:39:43] sts. Using nylon cord, K 28[33:39:45:51:57] sts at left by hand taking Ns down into NWP. Cont on rem 28[33:39:45:51:57] sts at right for first side.

Using fully fashioned method, dec 1 st at neck edge on next and every foll

alt row, 10[10:11:11:11:11] times in all and at the same time, when RC shows 56[58:66:68:70:72], inc 1 st fully fashioned method at right edge on next and every foll alt row, 7[7:9:9:9:9] times in all. 25[30:37:43:49:55] sts. K1 row. RC shows 70[72:84:86:88:90].

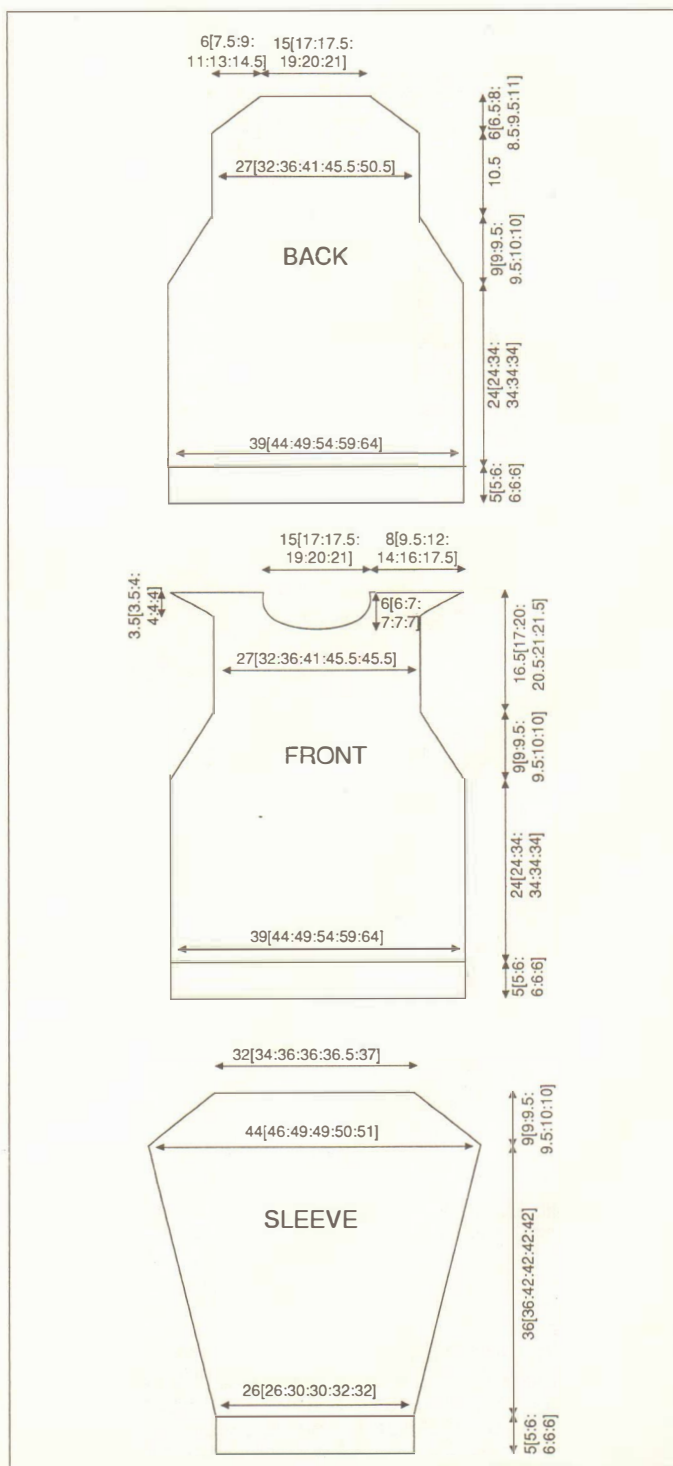
Using WY, K a few rows and

release from machine.

Unravel nylon cord over sts at left. Reset RC at 44[46:54:56:58:60]. Complete to correspond with first side, reversing shapings.

SLEEVES

With RB in position, set machine for 1x1 rib. Push 83[83:93:93:99:99] Ns on MB





and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. CAR.

Using MY, cast on and K3 tubular rows.

Set RC at 000. Using MT-4•/MT-4•, K 26[26:30:30:30:30] rows. Transfer sts to MB. Set RC at 000. Using MT, shapes sides by inc 1 st at each end of next and every foll 5th[5th:6th:6th:6th:6th] row, 27[30:29:29:28:29] times in all. 137[143:151:151:155:157] sts. K until RC shows 152[152:176:176:176:176].

SHAPE TOP

Set RC at 000. Place a marker at each end. Dec 1 st

fully fashioned method, at each end of next and every foll alt row, 19[19: 20: 20:21:21] times in all. 99[105:111:111:113:115] sts. K1 row. RC shows 38[38: 40:40:42:42].

Using WY, K a few rows and release from machine.

POLO NECKBAND

With RB in position, set machine for 1x1 rib. Push 137[137:151:167:183:199] Ns on MB and corresponding Ns on RB to WP. Arrange Ns for 1x1 rib.

Using MY, cast on and K3 tubular rows.

Set RC at 000. Using MT-4•/MT-4•, K 30[30:35:35: 35:35] rows.

Using MT-4•/MT-4•, K until RC shows 65[65:75:75:75:75]. Transfer sts to MB. Using MT, K1 row.

Using WY, K a few rows and release from machine.

TO MAKE UP

With wrong side facing, block pieces out to correct measurements and press, using a warm iron and a damp cloth. Avoid all rib sections.

Pin front shoulder sts held on WY, over cast off edge of

back shoulder. Backstitch in place through open loops of MY. Remove WY.

Join polo neckband seam, reversing seam halfway. Pin to right side of neck edge and again backstitch in place through open loops of MY. Remove WY.

Pin in sleeves matching markers. Backstitch straight section of sleeves to right side of armhole using the same method as for shoulder. Join fully fashioned seams using mattress stitch.

Join side and sleeve seams. Give a final press.



Sample 1

DIAGRAM 1



Combine borders with sets of motifs

I have played around with the motif dial in the past, to demonstrate the possibilities in general. With this being the month of Valentine's Day, I thought I would get a little more specific and give you a few ideas for using it with the very appropriate heart motif!

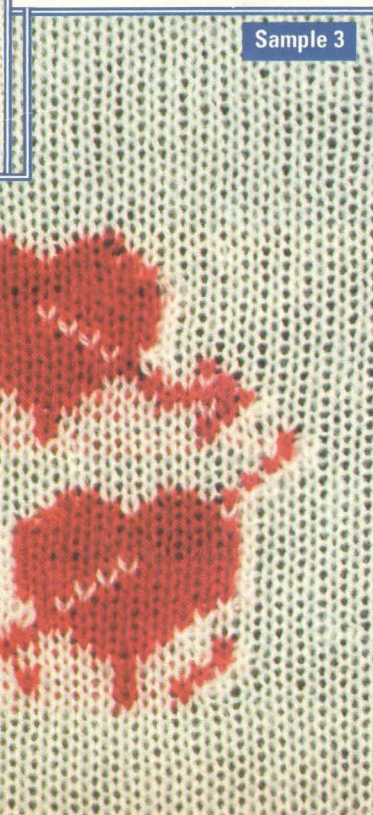
PLACEMENT FOR A SMALL HEART

Sample 1 shows a small heart that has many possibilities. For the yoke idea shown in Sample 1, you will need to set your motif dial on 3 and work in Fair Isle for 24 rows. This will give you the first two rows



Sample 2

DIAGRAM 3



Sample 3

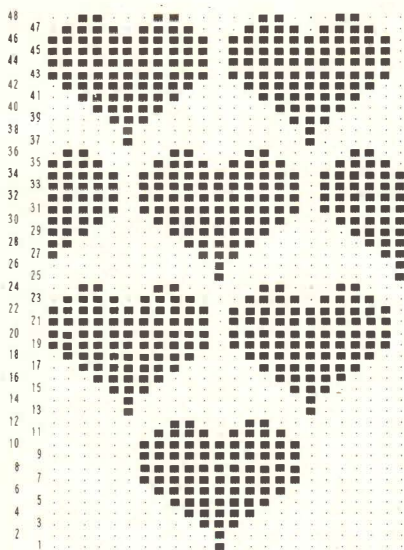
A Valentine Theme with the Motif Dial

of hearts. Now reset the motif dial to 234 *but* return selected end needles to working position when selected outside three full heart motifs, that is, only needles between 18 left and

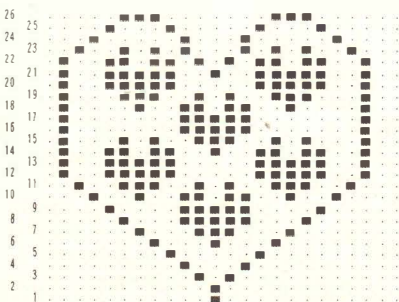
Carol Chambers concentrates on the heart motif this month, showing various pattern combinations



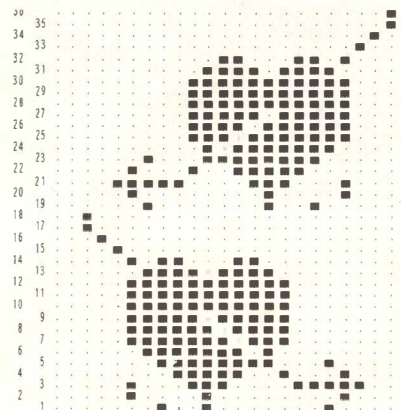
PATTERN 1 FOR SAMPLE 1



PATTERN 2 FOR SAMPLE 2



PATTERN 3 FOR SAMPLE 3

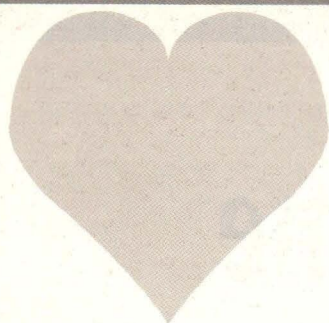


19 right should be allowed to be selected over the next 12 rows. When the third row of hearts is completed (if you started Fair Isle with RC at 000, it will now read 36). Continue in this manner — so the setting will remain on 234 but allow four hearts to be selected next time. After they have been completed, to continue the 'V' using this card, you will need to turn the card up and lock on row 25 (actually you need seven rows above this, so that the arrangement shown on 25 is actually 'in' the machine. Set carriage to select without

knitting, release the card and this time allow five complete hearts to select. After they have been completed, you will not need to manually return any more needles for the next set, as there will be six complete hearts on this dial setting.

VARIATIONS ON THE THEME

You can continue in this manner for the length and width of yoke effect you require. When you reach the neck shaping you can limit the effect of the motif dial to one shoulder at a time as

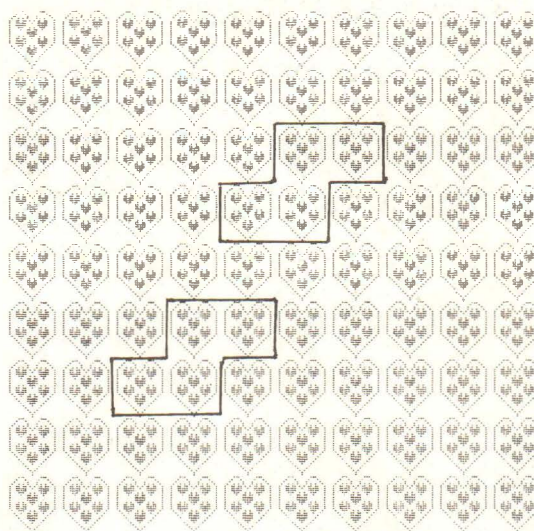


A Valentine Theme with the Motif Dial

Diagram 1 illustrates. Further details like working narrow or deep borders of matching pattern after welts or on sleeves all link the garment and its theme together. If you wanted the hearts to be slightly less 'corny', then use a variety of really bright

colours for them, changing the contrast colour on each new set of hearts on the yoke. Note that Diagram 1 differs slightly from the sample — it shows a variation you would obtain by using the dial at 3 for first 12 rows, then dial 234 for next 12 rows then working right

DIAGRAM 2



Work out interesting single motif placements by envisaging the repeats. Boxes show one possibility.

across — normal all-over setting. This gives a difference of two additional hearts each time the motif dial is changed and by row 36 you will be working them as an all-over pattern. To convert the punchcard for an all-over pattern, punch only the repeats shown from row 25 to row 48 — repeating these 24 rows for the length of the card.

out or group adjacent motifs together — another possibility is shown in Diagram 2.

INFORMAL ARRANGEMENTS

Sample 3 (on page 84) illustrates the vertical look of our third heart design. The 'broken' heart can be used alone, or arranged diagonally across a garment as illustrated in Diagram 3 (page 84).

The Diagram shows the motif dial was set in turn at 1 (for two repeats): 2 (one repeat): 3 (worked as 1): 4 (worked as 2) and 5 (worked as 1). Take into account the size of garment and yarn thickness if you want to fit in as many motifs as this. If you are working on larger sizes, or garments with lots of ease, then this is viable. For smaller garments, you might want to use a finer yarn perhaps 3 ply instead of 4 ply — so that you need 'more' stitches and can fit all the motifs in.

Do not forget what you could add to your motifs to make them more informal in layout if that's your preference. A little Swiss darning of the arrow in the last sample using black or different colours, would add another emphasis to its appearance.

I expect we will return many times to the motif dial as, both in general and when assessed for specific themes, it's certainly very handy!



EXTRA LARGE SINGLE MOTIFS

Sample 2 shows a larger motif which, if treated like Sample 1 would not need any manual amendments to the motif dial selection, as each motif dial number added will give you a complete heart.

However, there are many other shapes that can be formed by selecting which number(s) of the dial to use. Sample 2 shows quite a large 'single motif' by re-setting the motif dial each time a complete (vertical) repeat has been worked. Set in turn to 3 then to 234 and then back to 3.

WORKING OUT PLACEMENTS

This large motif could be positioned as desired on the garment. If you wanted it on your left, then use dial settings 2: 123: 2 and for the right, 4: 345: 4. Do a rough sketch of your finished garment, with approximate stitches and rows correct, or just map out the motif. Keeping in mind the motif dial settings possible, single

JACPACS

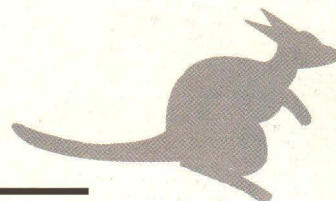
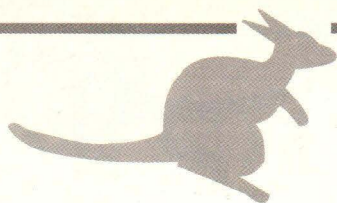
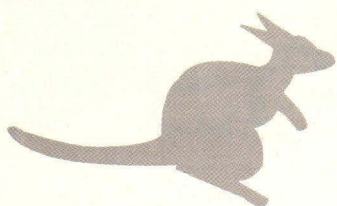
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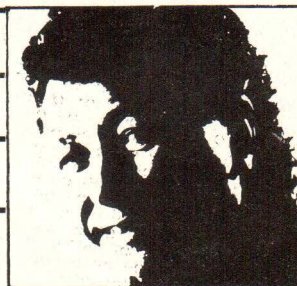


This month our well travelled
writer John Allen reports on the
Australian Forum for Textile Arts
and in particular two designers
who gave him inspiration

I went to Perth in Western Australia at the invitation of Peggy Buckingham for the Australian Forum for Textile Arts. Peggy is a small lady of infinite patience, energy and humour, attributes most necessary in running such an event. All the delegates affectionately nicknamed her the WARDEN because she could hardly ever be seen without a huge key ring in her hands. The Forum started on October 7th and ran through to October 14th and covered textile crafts as diverse and unusual as Bush Jewellery and Cabbage Tree Hats, to Hand Spinning and Knitting. The programme consisted of two three-day hands-on workshops either side of the weekend. The weekend was set aside for short workshops, demonstrations and a craft market. Over the

eight-day period there were 22 different tutors and classes for people to choose from. Every lunchtime and evening there were events or talks on different textile crafts. This meant that everyone, if they wished, could learn a great deal about other crafts and their practitioners. The venue was at a place called Noalimba outside Perth and near to Fremantle, of the America Cup fame. I was told to take bathing togs, as the weather would be good and there would be an opportunity to swim in the Indian Ocean.

When I arrived in Perth it was very cold and for the first 72 hours the temperature never rose much above two degrees! At the residence in Noalimba (nicknamed Stalingrad), the name arose from the cold and the building having a forbidding appearance — blankets became things to kill for! My input into the event was to conduct two three-day workshops in Design Across the Crafts and to give the Saturday evening public lecture. The classroom facilities were excellent, as is this length of residential



workshop, which enables the tutors to impart knowledge thoroughly and for the students to learn in ways not possible in the more usual short sessions most knitting conventions programme. I found teaching mixed groups of crafts people very different to classes made up exclusively of knitters. There was a continual interchange and cross-fertilisation of ideas going on between people from quite different craft disciplines. My classes consisted of the manipulation of optical pattern, the use of positive/negative to produce designs. The demonstration of a range of basic design methods, followed by hands-on manipulation of some of these. The class also covered colour and proportion. Each day there was a two-hour lunch break, half of this time was given over to different tutors giving a talk on their work. These informal talks enabled

AUSTRALIA, AUSTRALIA



DOWN UNDER AT 'FIBRES WEST 92'





everyone to see work executed in craft areas other than their own. From the amount of information and knowledge passed on to students, I believe the 'Fibre 92' Forum was one of the best conventions I have been to. I met many interesting people and want to share with you a little about two of these, both designers having specialist talents which I think some of you will find as interesting as I did.

KRISTEN DIBBS is an embroiderer who has just published *The Fine Art of Embroidery* in Australia, as yet, not available in this country. She has a very ready wit and a fund of lovely quotations, for

example: 'dull women have immaculate homes'. Kristen ran the noisiest class on site, with cream cake teas in the afternoon! The work, however, she got out of her students reflected the extravagance of the cakes consumed! Whenever I was short of something, Kristen always seemed able to supply it. On visits to her class I noticed the work she and her students were doing and began to see the possibilities of some of the embroidery techniques being applied to knitting. Kristen herself has produced some very innovative fabrics using bio-degradable plastic rubbish bags, those environment friendly ones (the Australian authorities are far more aware of the

importance of this than ours are). She also uses the more common vanishing muslin. Yarn is embroidered on to either of these surfaces and then washed to dissolve the backing away, leaving the embroidery. Some of the finished fabrics look like

One idea inspired by Kristen was to produce a spidery piece of embroidery and then hang this on to a knitted surface.



spider's webs, but are quite stable provided care has been taken to overlap the embroidered lines and stitches. It did not take many visits to Kristen's workshop to realise that many of the techniques she used could, with a little imagination, be used in and on knitting to create innovative new surfaces. One idea inspired by Kristen was to produce a spidery piece of embroidery and then hang this on to a knitted surface. I hooked the spider's web of embroidery on to the needles in use, so knitting the embroidery into my knitted fabric. This produced the most exotic surface and could be achieved with Jacquard effects as well as plain knitted structures. All I want now is the latest idiot-proof electronic sewing machine!

DEBORAH COMBES I met through one of my classes which she attended. Deborah studied textiles and fashion at the Bentley College of Textiles in Perth. Since finishing her studies in 1988 she has won many design awards. The most

recent and prestigious being the Wool Expo 1992 Wearable Wool Awards. In this competition Deborah cleared the board by being awarded a number of prizes plus the overall Supreme Award for the whole competition.

I had been told by a friend, Lyn Waring, that if I saw no other knitting while in Western Australia I should try and see Deborah Combes's work, but she warned this might be difficult, because Deborah is extremely reluctant to show her work and incredibly self-effacing. However, I did persuade her to show me some of her knitting which was beautiful and some of the most innovative fabrics I have ever seen produced on the Passap machine.

Deborah says her aim is to produce wearable art, making no more than three or four pieces of the same design. The fabrics which are cut and sewn are large, mainly abstract designs with a strong exuberant feel about them. This contrasts sharply with her use of colour which is often understated, chalky off tone colours giving the fabrics a very sophisticated look. The fabric is of a knitted double cloth construction which allows the designer to cut large pieces of the top cloth away once the fabric is taken off the machine. By cutting into the cloth in this way the bottom fabric is revealed. The bottom fabric is often knitted in a very contrasting yarn to the top fabric, so that once exposed it adds visual excitement to the already interesting design patterns. The idea is by no means a new structure or method of fabric construction, I have seen it several times before, particularly in fabric created on the circular electronic knitting machines. What makes Deborah's work outstanding is the sophisticated combinations

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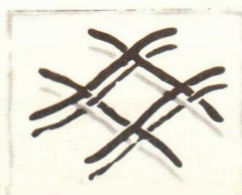
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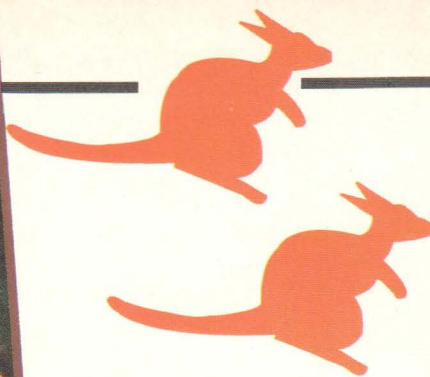
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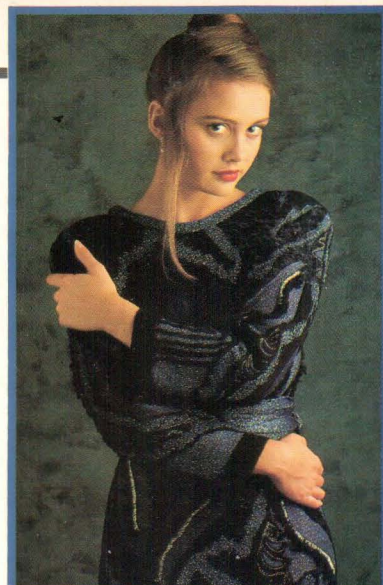




Less than perfect



of patterns, textures and yarns she uses. The finished fabrics are excellent weights for garments, ranging from coating weights down to lightweight dress fabric (see illustrations). All her garments are cut and sew and at the moment she is trying to perfect styles and silhouettes that have a timeless quality. There were many crafts-people at the Forum practising many traditional crafts and producing fascinating artifacts, it was the cross-fertilisation between these designers/creators, which made the 'Fibre 92' Forum so exciting. I believe such exchange of ideas across the crafts creates new approaches to them and encourages the



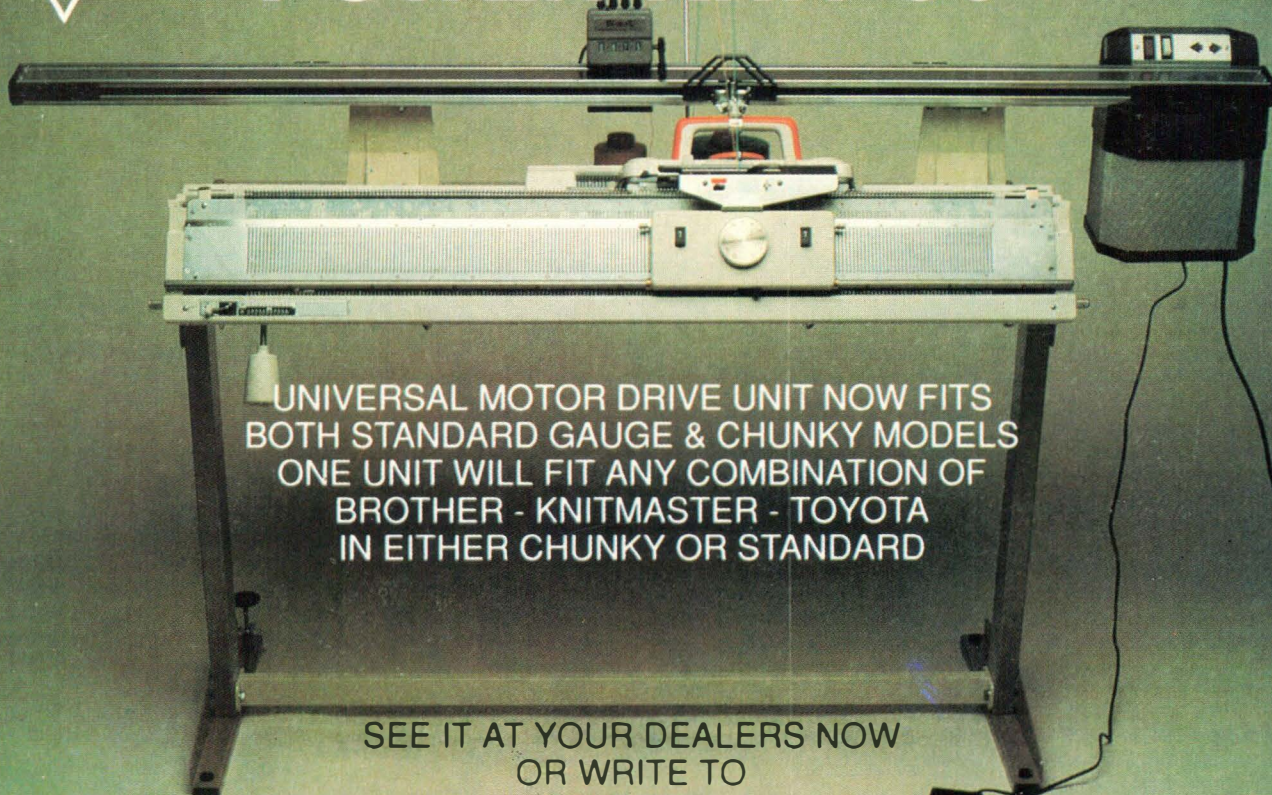
Night skies

crossing of new frontiers and inspires new developments. I want to leave you this month with one last quote, picked up down under, which I believe is very true, 'She who never made a mistake never made anything'.



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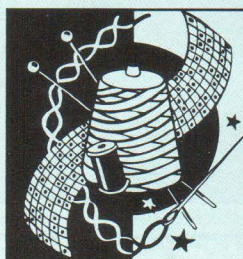
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13

Child's Football Sweater



MACHINES: These instructions are written for standard gauge electronic machines without ribber. We used a Brother 950i

YARN: Bramwell Duomagic and 2/30 HB Acrylic

FIBRE CONTENT: Both yarns are 100% Acrylic

COLOUR: We used Duomagic in Grenadier Red (MC) and Royal Blue (A). We used 2/30 HB Acrylic in Red (B)

STOCKISTS: If you have any difficulty in obtaining these yarns, please write to F.W. Bramwell & Co Ltd, Unit 5, Lane Side, Metcalf Drive, Altham, Accrington, Lancs BB5 5TU

SIZES

To suit chest 61[66:71:76]cm.
Finished measurement
72[78:84:88]cm.

Length 39.5[43.5:48.5]cm.
Sleeve seam 26.5[29:32:35]cm.

Figures in square brackets []

refer to larger sizes; where there is only one set of figures, this applies to all sizes.

MATERIALS

Bramwell Duomagic.
1 x 500g cone in MC.
Approx 60g in A.
Bramwell 2/30 HB Acrylic.
Approx 25g in B.

GARMENT WEIGHTS

154g for size 66cm.

MAIN TENSION

34 sts and 51 rows to 10cm measured over st st (tension dial approx 3).

Tension must be matched exactly before starting garment.

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

Measurements given are those of finished garment and should not be used to measure work on the machine.

ELECTRONIC PATTERN

114 sts x 28 rows.

SPECIAL NOTE

Sections of the electronic pattern can be used to form a 24 st, 40 st or 60 st repeat pattern if required for your make and model of machine.

PATTERN SEQUENCE

* A, K2 rows.

MC, K1 row.

Program machine for patt

over Ns 57-0-57. Do not cancel end N selection. Long floats will be covered by lining. K1 row.

Set carriage for Fair Isle knitting.

MC+A, K28 rows.

Set machine for st st.

MC, K2 rows.

A, K2 rows.

MC, K4 rows *.

Rep from * to *, once more reversing direction of patt.

Rep from * to *, once more.

120 rows to patt.

LINING

(KNIT TWO)

Push 122[132:142:150] Ns to WP. Using WY, cast on and K a few rows ending CAR.

Set RC at 000. Using B and MT-1, K116 rows.

Release on WY.

BACK

Push 61[66:71:75] Ns at left and right of centre '0' to WP. 122[132:142:150] Ns.

** Return every 3rd N to NWP.

Using WY, cast on and K a few rows ending CAR.

Set RC at 000. Using MC and MT-3, K48 rows. Bring every 3rd N forward in to WP. Pick up loops from first row worked in MC and hang on to corresponding Ns to form hem **.

Set RC at 000. Using MT, K 22[42:58:72] rows.

ATTACH LINING

With purl side facing, hang loops from first row worked in MC on to Ns. Program machine and work in patt sequence.

K until RC shows 102[118:136:150]. Place a marker at each end.

K until RC shows 133[153:169:183]. Pick up loops from last row of MC at top of lining and hang on to Ns. Complete patt sequence.

Using MC, K until RC shows 178[198:222:242].

Release 37[42:44:48] sts at right on WY.

Rep over 37[42:44:48] sts at left.

Release rem 48[48:54:54] neck sts on WY.

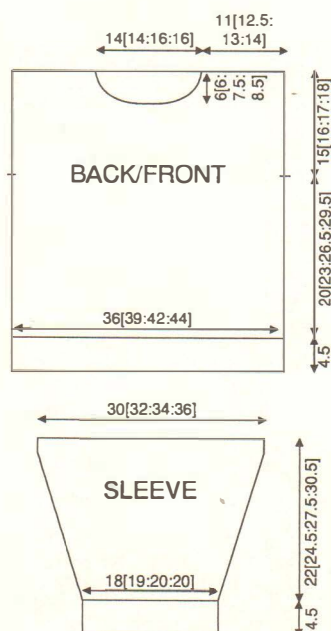
FRONT

Work as given for back until RC shows 148[168:184:198]. CAR.

SHAPE NECK

Using a separate length of MC, cast off the centre 24[24:28:28] sts. Using nylon cord, K 49[54:57:61] sts at left by hand taking Ns down into NWP. Cont on rem 49[54:57:61] sts at right for first side. K1 row. Cast off 2 sts at beg of next and foll alt row.

Dec 1 st at neck edge on every foll alt[alt:3rd:3rd] row,



S P O R T Y



S P O R T Y

8[8:9:9] times. 37[42:44:48] sts.

K until RC shows 178[198:222:242].

Using WY, K a few rows and release from machine.

Unravel nylon cord over sts at left. Reset RC at 148[168:184:198]. Complete to correspond with first side, reversing shapings.

SLEEVES

Push 62[64:68:68] Ns to WP. Work as given for back from ** to **.

Set RC at 000. Using MT, shape sides by inc 1 st at each end of next and every foll 5th[6th:5th:5th] row, 8[14:4:7] times and then on every foll 6th[5th:6th:6th] row, 12[8:20:20] times. 102[108:116:122] sts.

K until RC shows 112[124:140:155]. Mark the centre st and cast off.

JOIN RIGHT SHOULDER SEAM

Push 37[42:44:48] Ns to WP. With right side facing, hang back right shoulder sts on to Ns. Remove WY.

With wrong side facing, hang corresponding front shoulder sts on to Ns. Remove WY.

Using MC and MT+1, K1 row. Cast off.

NECKBAND

Push 108[108:123:126] Ns to WP. With right side facing, hang back neck over 48[48:54:54] Ns and front neck over 60[60:69:72] Ns. Using MC and MT+1, K1 row.

Transfer every 3rd st on to adjacent N. Return empty Ns to NWP.

Set RC at 000. Using MT-3, K28 rows.

Bring every 3rd N back into WP. Fill these empty Ns with heel of adjacent st.

Using MT, K4 rows.

Using a contrast sewing thread, carefully K1 row.

Using WY, K a few rows and release from machine.

TO MAKE UP

Join rem shoulder seam using the same method as before.

Join neckband seam. Fold neckband in half to right side of garment. Backstitch in place through open loops of last row worked in MC.

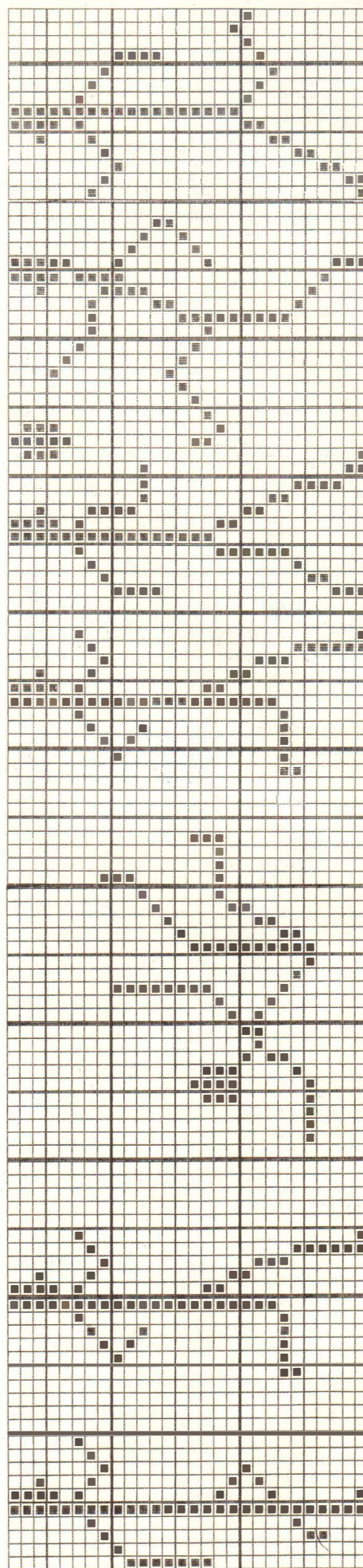
Remove sewing thread and WY.

With wrong side facing, block pieces out to correct measurements. Cover with a dry cloth and press using a dry, cool iron.

Sew in sleeves between markers and matching centre marker to shoulder seam.

Join side and sleeve seams. Carefully sew edges of lining to side seams.

ELECTRONIC PATTERN SHEET



114 sts x 28 rows



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SCARVES and MITTS

14

Gloves with Finger Flap

MACHINES: These instructions are written for standard gauge punchcard machines with or without ribber

YARN: 4 ply Yarn

FIBRE CONTENT: Ideally with wool content for warmth

COLOUR: We used Jade (MC) and Cream (C)

SIZE

To suit average size hand.

MATERIALS

4 ply Yarn.

Approx 50g in MC.

Approx 50g in C.

MAIN TENSION

31 sts and 34 rows to 10cm measured over Fair Isle patt (tension dial approx 6).

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

PUNCHCARD PATTERN

We used card 1 from the Toyota basic pack.

Punch card if necessary before starting to knit.

MACHINES WITH RIBBER

Foll glove pattern but working 31 rows of 1x1 rib at start of mitten and 9 rows of 1x1 rib at end of finger flap.

GLOVE

Push 59 Ns to WP. Return every 3rd N to NWP. Using WY, cast on and K a few rows ending CAR.

Set RC at 000. Using MC and MT-2, K69 rows. Return intermediate Ns to WP. Make a hem by picking up loops from first row worked in MC and hanging on to corresponding Ns. Inc 1 st. 60 sts. K1 row. CAR.

Set RC at 000. Using MT, K1 row. Insert punchcard and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting. Using MC+C, work in patt. K until RC shows 16.

Using WY, manually K7 rows over 10 sts at left edge. This marks thumb position. Ensure Ns are in correct patt setting and cont over all sts until RC shows 36.

Set machine for st st. Using MC, K2 rows. Disconnect RC. Using WY, K a few rows over 30 sts at left and release from machine.

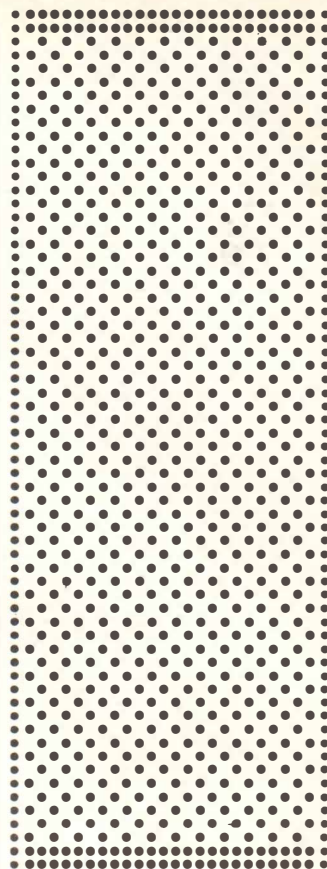
Reconnect RC. Cont over rem 30 sts at right. Using C, K1 row. Lock punchcard on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting. Using MC+C, work in patt. K22 rows. RC shows 62.

Set machine for st st. Set carriage to hold. Using MC, push 2 Ns to HP at opposite side to carriage, K1 row, 10 times.

Return 2 Ns from HP to WP, K1 row, 10 times. RC shows 82.

Cancel hold. Reset machine for Fair Isle knitting. Using MC+C, K22 rows of patt. RC shows 104.

Set machine for st st. Using C, K2 rows. Transfer every 3rd st on to adjacent N. Return empty Ns to NWP. Using MC and MT-3, K21 rows. Return intermediate Ns to WP. Make a hem by picking up loops from first row worked in C and



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hanging on to corresponding Ns. Using MT, K2 rows. Cast off.

LITTLE FINGER

Push 14 Ns to WP. With wrong side facing, pick up 7 sts from WY at left of centre and 7 sts from equivalent row at right of centre. Using MC and MT, K10 rows. Cast off.

THIRD FINGER

Push 16 Ns to WP. With wrong side facing, pick up next 7 sts from WY, leave 2 Ns in centre empty and the next 7 sts from equivalent row at right. Fill empty Ns with heel of adjacent st. Using MC and MT, K12 rows. Cast off.

MIDDLE FINGER

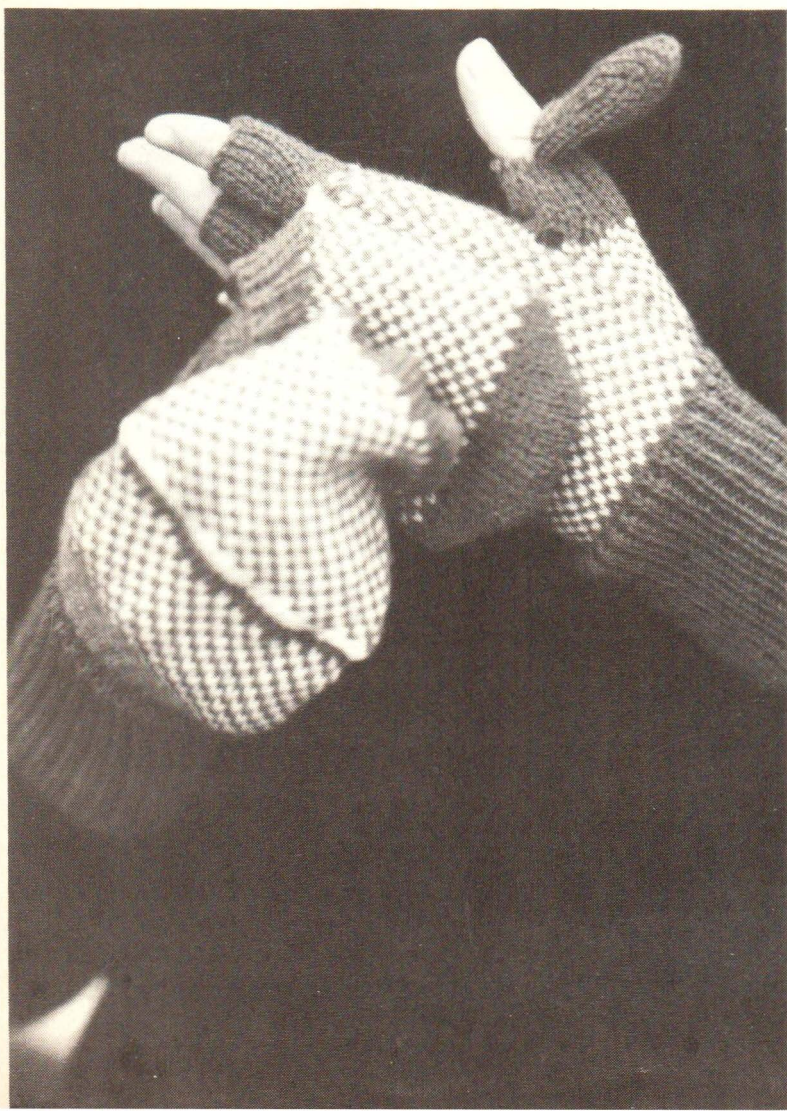
Push 18 Ns to WP. With wrong side facing, pick up next 8 sts from WY, leave 2 Ns empty and the next 8 sts from equivalent row at right. Fill empty 2 Ns with heel of adjacent st. Using MC and MT, K14 rows. Cast off.

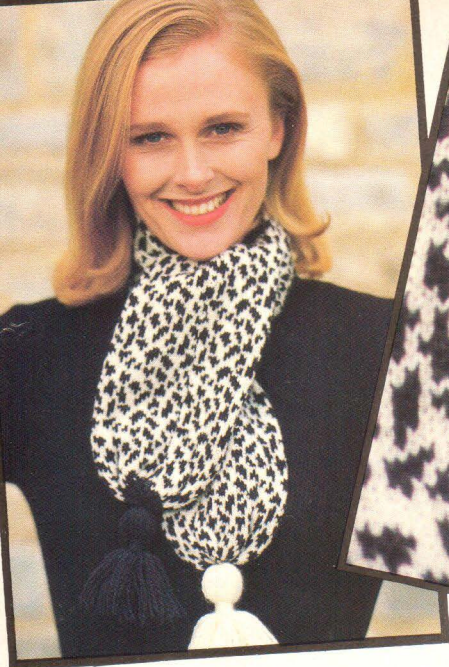
FIRST FINGER

Push 16 Ns to WP. With wrong side facing, pick up rem 8 sts from WY, leave 2 Ns empty and pick up rem 8 sts from equivalent row at right. Fill empty 2 Ns with heel of adjacent st. Using MC and MT, K12 rows. Cast off.

THUMB

Cut through centre of WY. Push 22 Ns to WP. With wrong side facing, pick up 11 loops from above and below WY and hang on to Ns. Cross the 2 centre sts. Remove WY. Using MC and





MT, K10 rows. Cast off.
THUMB FLAP (OPTIONAL)
 Push 11 Ns to WP. With wrong side facing, hang back half of thumb on to Ns. Set RC at 000. Using MC and MT, K10 rows. Set carriage to hold. Push 1 N to HP at same side as carriage, K1 row, 8 times. Return 1 N from HP to WP, K1 row, 8 times. Cancel hold. K12 rows. Cast off.
 Work second glove, reversing all instructions.

TO MAKE UP

Join finger and thumb seams. Finish ends of hem on finger flap. Join seams.

VARIATION

PLAIN NAVY GLOVE WITH MULTI-COLOURED FINGERS

Follow glove pattern but using Navy as MC and as C to give a self-coloured Fair Isle thus maintaining the thickness of fabric.

Work each finger in a different contrast colour. This is an ideal way to use up all those oddments of yarns.

Fair Isle Scarves

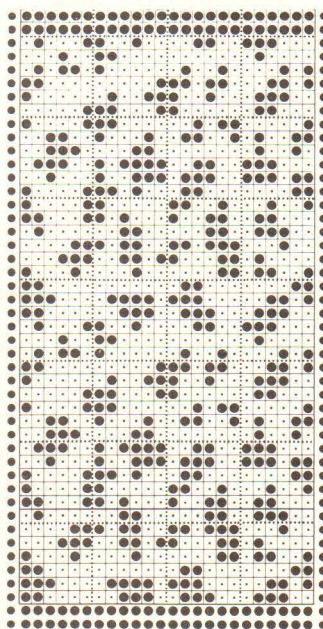
MACHINES: These instructions are written for standard gauge punchcard machines without ribber
YARN: 4 ply Acrylic
FIBRE CONTENT: 100% Acrylic
COLOUR: We used Blue (MC) and White (C) for version 1 and Cream (MC) and Black (C) for version 2

SIZE
 15cm x 102cm.

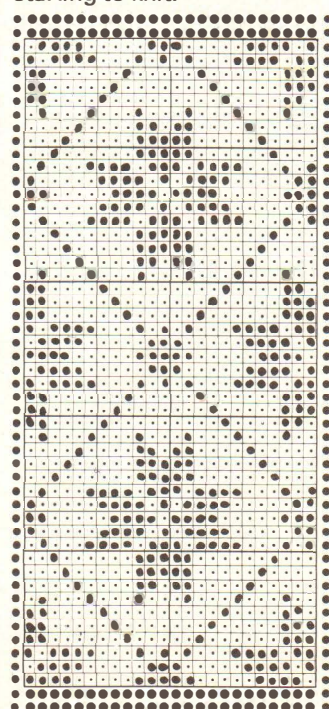
MATERIALS
 Approx 70g in MC.
 Approx 70g in C.

MAIN TENSION
 33 sts and 35 rows to 10cm measured over Fair Isle patts (tension dial approx 6-7).

ABBREVIATIONS
 See page 113.



PUNCHCARD PATTERN
 Punch required card before starting to knit.



NOTE
 Knit side is used as right side.

SCARVES and MITTS

SCARF

Push 49-0-49 Ns to WP. Using WY, cast on and K a few rows ending CAR. Using MC and MT, K1 row. Insert appropriate punchcard and lock on first row. Set machine for patt. K1 row. Release punchcard. Set carriage for Fair Isle knitting. Using MC+C, K350 rows. Set machine for st st. Using MC, K2 rows. Release on WY.

TO MAKE UP

Join selvedge edges neatly tog. Place seam to centre of scarf.

BLUE AND WHITE SCARF

Push 49 Ns to WP. With wrong sides tog, rehang sts from one end of scarf on to Ns, placing 2 sts on to each N. Remove WY. Using MC and T10+, K1 row. Cast off using latch tool method. Rep at opposite end of carriage.

BLACK AND CREAM SCARF

Gather up sts at each end and secure. Using MC, make and attach a tassel to one end. Using C, rep for other end.

Fingerless Gloves

MACHINES: These

instructions are written for standard gauge machines

YARN: 4 ply Yarn

FIBRE CONTENT: Ideally with wool content for warmth

COLOUR: We used Black (MC)

SIZE

To suit average size lady's hand.

MATERIALS

Approx 50g in MC.

TENSION

28 sts and 40 rows to 10cm measured over st st (tension dial approx 6+).

ABBREVIATIONS

See page 113.

NOTE

Knit side is used as right side.

GLOVE

Push 52 Ns to WP. Using WY, cast on and K a few rows ending CAR.

Using nylon cord, K1 row.

Set RC at 000. Using MC and MT, K16 rows.

Transfer every alt st on to adjacent N. Leave empty Ns in WP.

K16 rows.

Pick up loops from first row worked in MC and hang on to corresponding Ns.

Set RC at 000. K17 rows. CAL.

Using WY, manually K7 rows over 10 sts at right edge.

Cont over all sts.

K17 rows.

Using MT+2, K1 row (loose row).

Using MT, K16 rows.

Transfer every alt st on to adjacent N. Leave empty Ns in WP. K16 rows.

Pick up loops from loose row and hang on to corresponding Ns.

Cast off loosely.

THUMB

Push 22 Ns to WP.

Cut through centre of WY. With wrong side facing, pick up 11 loops from above and then below WY and hang on to Ns. Cross the 2 centre sts.

Remove WY. Set RC at 000. Using MC and MT, K10 rows. Cast off.

Work second glove, reversing position of thumb.

TO MAKE UP

Join hand and thumb seams.

VARIATIONS (Not illustrated)

Add motif to the back section.

Work in a stripe sequence using as many colours as you wish.

Work the thumb in a contrast colour to main section.

Fisherman's Rib Scarf

MACHINES: These

instructions are written for Passap/Pfaff Duomatic machines

YARN: 3 ply Acrylic

FIBRE CONTENT: 100%

Acrylic

COLOUR: We used Red (MY)

SIZE

Width 19cm.

Length as required.

MATERIALS

3 ply Acrylic.

Approx 130g in MY.

TENSION

34 sts to 10cm measured over half Fisherman's rib (SS approx $3\frac{1}{2}/3\frac{1}{2}$).

ABBREVIATIONS

See page 113

SCARF

Handle up. Push 64 Ns on FB and corresponding Ns on BB to WP. Arrange Ns for 1x1 rib. Using MY, work tubular cast on. Set locks on N, SS EX $3\frac{1}{2}/3\frac{1}{2}$, knit required length. Set locks on N, K2 rows. N

Cast off.

TO MAKE UP

Gather up cast on and off edges as tightly as possible. Using yarn and colour of your own choice, make and attach either a pom-pom or tassel to each end.



WIN

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Prizes will be awarded to the senders of the first three correct entries checked after the closing date and will be allocated in the order they are drawn. No entrant may win more than one award and all prizes must be accepted as offered.

Entries arriving after the closing date or not complying with the rules and instructions exactly will be disqualified. The competition is open to all readers resident in Great Britain, Northern Ireland, Channel Islands and Isle of Man, except employees (and their families) of Litharne Ltd and Many A Mickle.

Decisions of the judges and the Editor of *Machine Knitting News* in all matters affecting the competition will be final. No correspondence can be entered into. Winners will be notified and the result published in a future issue of *Machine Knitting News*.

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K	R	M	E	N	I	H	C	A	M
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T	F	K	B	R	Z	I	W	H	A
T	I	L	Y	D	H	O	X	U	I
I	J	E	H	P	O	E	T	N	R
N	Q	U	A	L	I	T	Y	K	G
G	H	G	S	R	U	O	L	O	C
X	L	I	F	P	O	A	D	R	N



Welcome a board

15

Intarsia Sweater

MACHINES: These instructions are written for standard gauge machines with Intarsia facility and ribber

MACHINES WITHOUT RIBBER: See page 113

YARN: Bonnie's Sable Crepe

FIBRE CONTENT: 100% Acrylic

COLOUR: We used Red (MC), Navy (A), Cream (B) and Mid-Blue (C)

STOCKISTS: Available from your local Bonnie's Wool stockist or see special order coupon on page 103

SIZES

To suit bust 91-96[96-101]cm.

Finished measurement 112[118]cm.

Length 64cm.

Sleeve seam 49cm.

Figures in square brackets [] refer to the larger size; where there is only one set of figures, this applies to both sizes.

MATERIALS

Bonnie's Sable Crepe.
1 x 500g cone in MC.

100g in A.
100g in B.
100g in C.

GARMENT WEIGHTS
450g for size 91-96cm.

MAIN TENSION

Lightly steam tension swatch before measuring. 33 sts and 42 rows to 10cm measured over Intarsia and st st (tension dial approx 6). Intarsia and st st tension must be matched exactly before starting garment.

ABBREVIATIONS
See page 113.

NOTE

Knit side is used as right side. Measurements given are those of finished garment and should not be used to measure work on the machine.

BACK

* With RB in position, set machine for 1x1 rib. Push 94[97] Ns at left and right of centre '0' on MB to WP. 188[194] Ns.

** Push corresponding Ns on RB to WP. Arrange Ns for 1x1 rib. CAL. Using A, cast on and K3 tubular rows. Set RC at 000. Using MT-3/MT-3, K27 rows. Transfer sts to MB. CAR **. Set RC at 000. Using B and MT, K4 rows *. Using MC, K until RC shows 142. Place a marker at each end for start of armholes. K106

Who would think that the items in the photograph (see page 103) would be the inspiration for this Intarsia sweater designed on the Machine Knitter's Design Board — but they were all used as simple templates. Because it has a rigid surface, the Board makes the use of templates particularly easy. The four items in the photograph were moved around on the Design Board until the required effect was achieved and then the bases were drawn round to create the geometric design — no compasses, set squares, protractors required and the ruler was only used as a template — not to measure.

After the design had been squared off to create the chart it was time to choose the colours. Because the circles overlapped I decided to choose colours to give the effect of one colour being laid over the other to form a different shade — thus where the navy circle overlapped the cream a mid-blue was used.

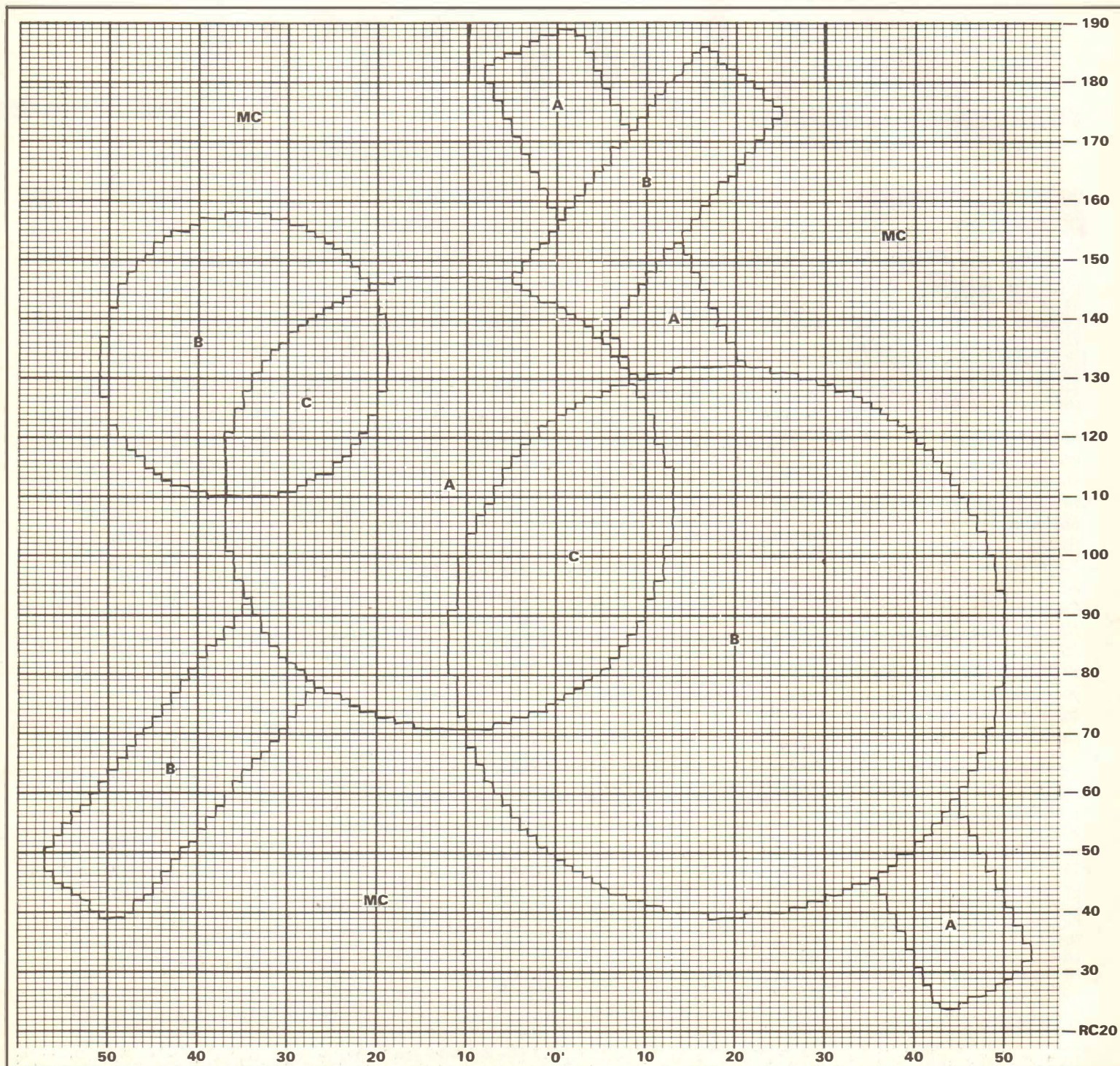
Many everyday items in the home can be used for templates, for example: biscuit cutters, various shaped tins and boxes, glasses, china. The list is endless and, of course, if a shape is used that doesn't give a pleasing effect, it can be cleaned off easily from the wipe clean surface of the Machine Knitter's Design Board.

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UW

Welcome a board_





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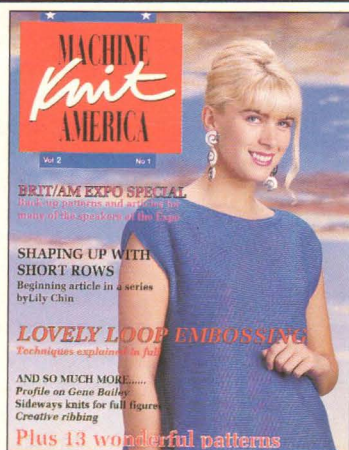
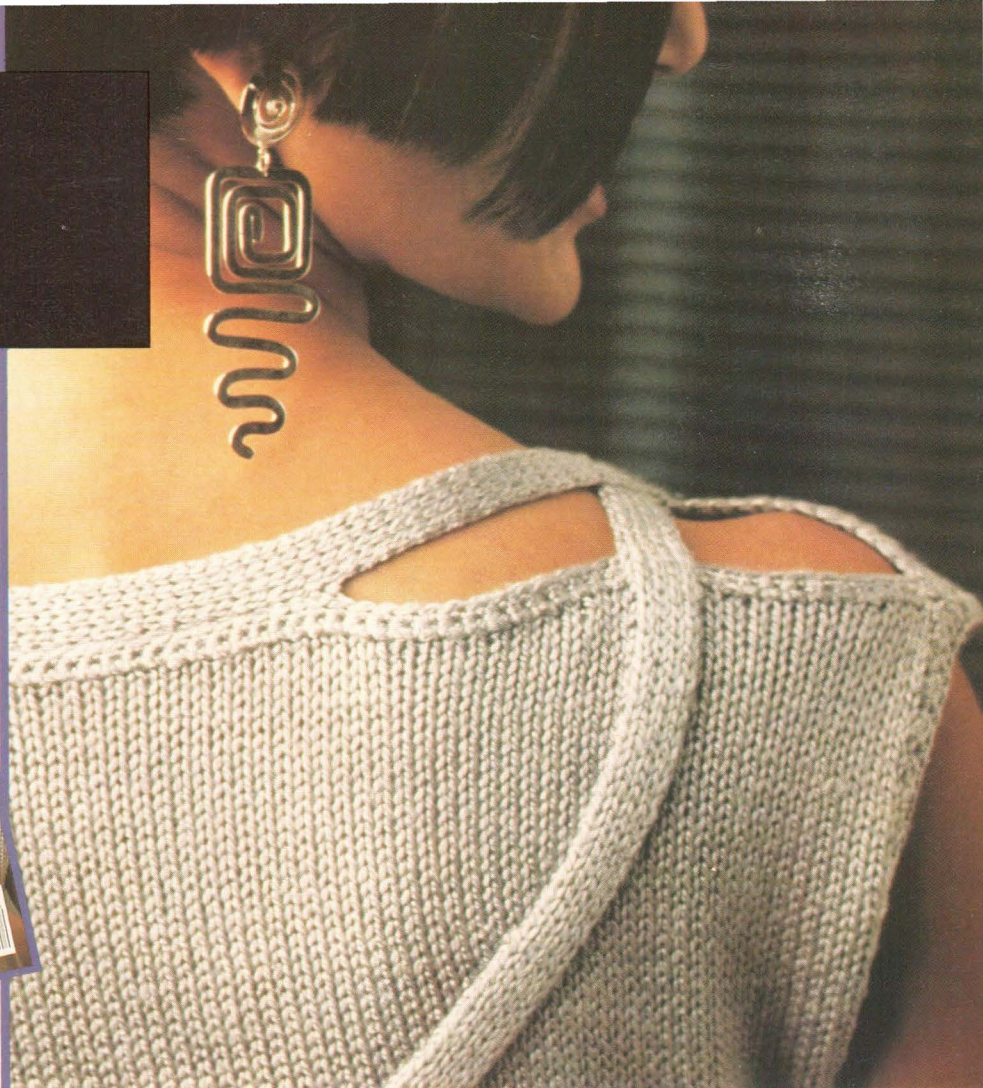
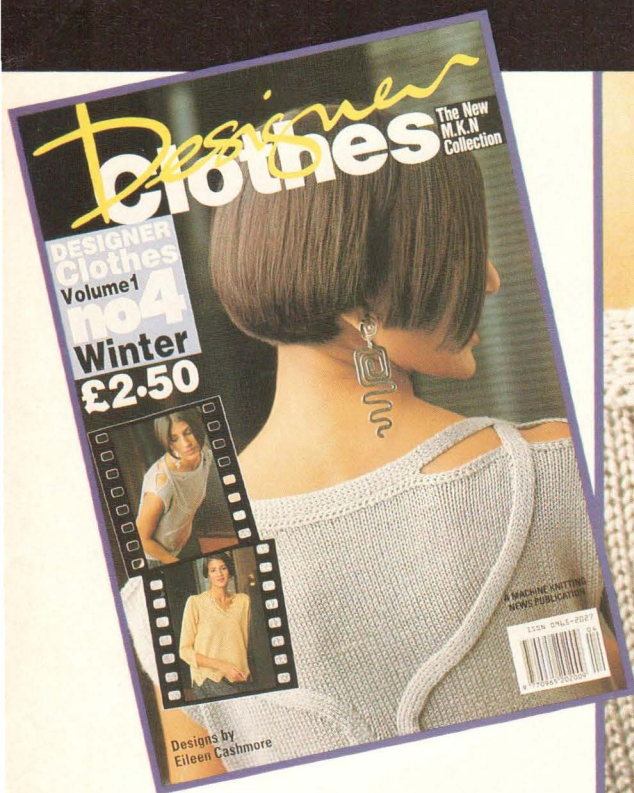
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HAPPY

VALENTINE



Hearts and flowers for Valentine's Day!

This picture is like an old-fashioned Victorian valentine and as you can see from the swatch it makes a very effective Intarsia design.

The roses, which are superimposed on the heart, can be used independently, as a single motif, or several can be used on a sweater to give an overall design.

The rose can be used to decorate the fronts of a jacket or cardigan.

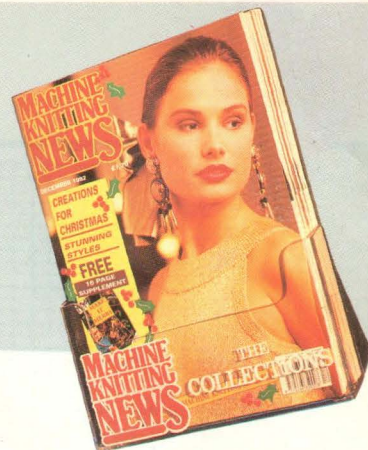
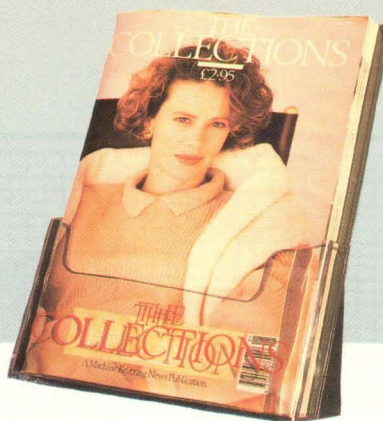
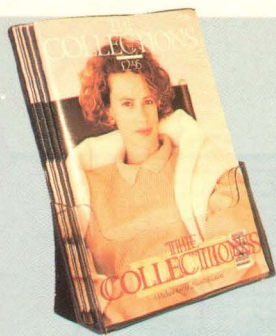
As you will see from the swatch, I have used a neutral colour for the base colour, but the design would work equally well on a darker background, as long as you make sure that your contrast colours are going to show up well.

The yarn used was 4 ply wool and acrylic at a tension of 6 on the Intarsia carriage. The tension will vary with different machines, so you will need to do a test piece with the Intarsia carriage before you start the knitting. You do not need to use different colours, just do a small piece of knitting using one colour for your swatch, once you have done this it will not be necessary to do it each time you want to do Intarsia.

Margaret

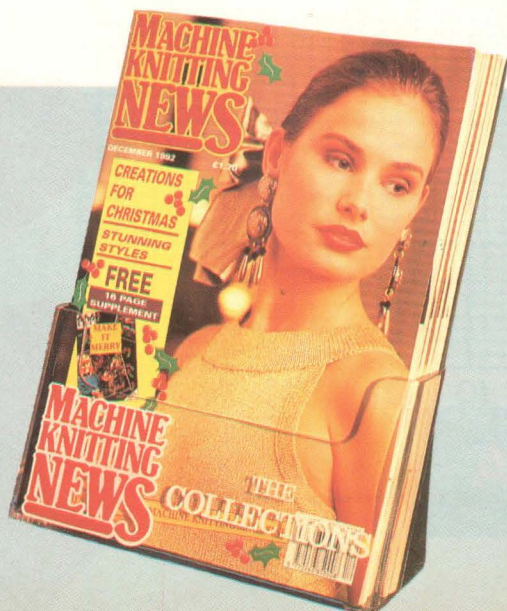


INTARSIA



MACHINE KNITTING NEWS

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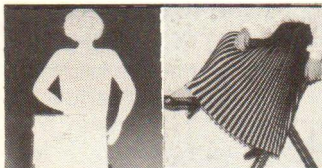
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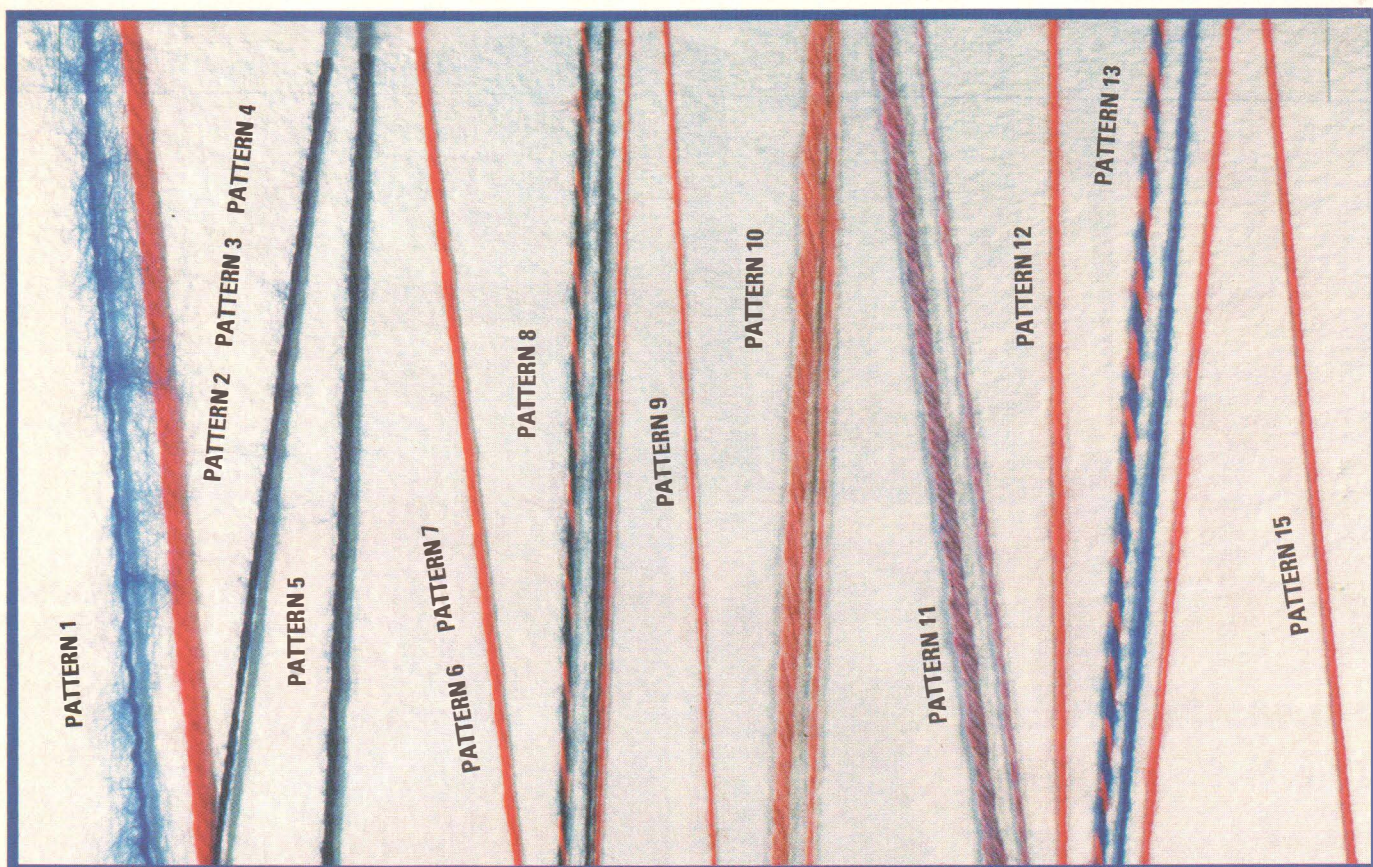
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YARN SAMPLES



ABBREVIATIONS

alt = alternate(ly)
BB = back bed
beg = beginning
CAL = carriage at left
CAR = carriage at right
ch = chain
cm = centimetres
Col 1 = colour one
Col 2 = colour two
Col 3 = colour three
cont = continu(e)(ing)
dc = double crochet
dec = decreas(e)(ing)
FB = front bed
FNR = full needle rib

fig = figure
foll = following
g = grams
HP = holding position
inc = increas(e)(ing)
K = knit
MB = main bed
MC = main colour
mm = millimetres
MT = main tension
MT-1, (2), (3) = one, (two), (three) full sizes tighter than main tension
MT-4, (5), (6) = four, (five), (six) full sizes

tighter than main tension
MT+1, (2), (3) = one, (two), (three) full sizes looser than main tension
MT+4, (5) = four, (five) full sizes looser than main tension
MT+9 = nine full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
0 = no stitches or rows worked
P = purl

patt = pattern
RB = ribber
RC = row counter
rem = remain(ing)
rep = repeat
SS = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn
A, B, C and D = contrast colours

FOR MACHINES WITHOUT RIBBER

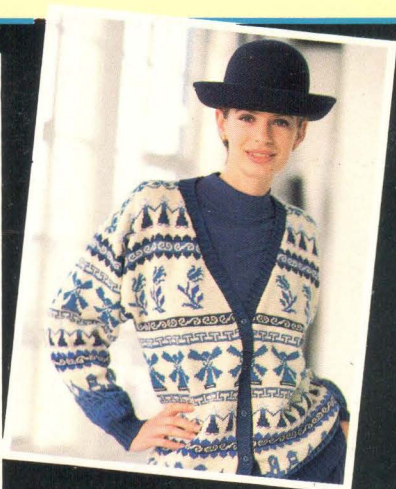
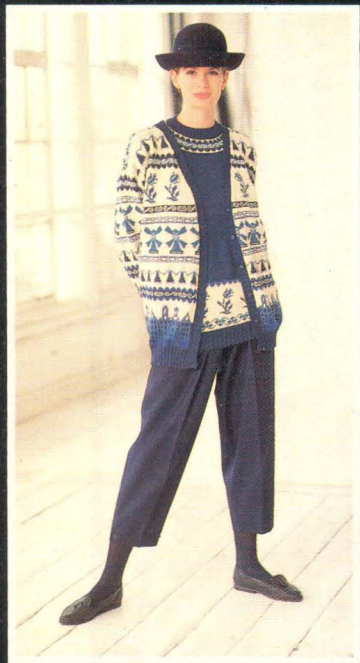
MOCK RIB

Push the number of main bed Ns as given in the patt to WP. Return alt Ns to NWP for 1x1 mock rib. Return every 3rd N to NWP for 2x1 mock rib. Using WY, cast on and K a few rows, ending carriage at left. Using T10 and nylon cord, K1 row. Set RC at 000. Using MC and MT-3, K the number of rows given in patt (i.e. depth of rib). Using MT, K1 row (fold row). Using MT-3, K the same number of rows for depth of rib again. Return intermediate NWP Ns to WP. Pick up loops from first row worked in MC and hang on to empty Ns (plus adjacent N for 2x1 rib), evenly along row. Complete as given in patt. To remove WY when work is completed, pull nylon cord from one end of work, thus releasing waste knitting.

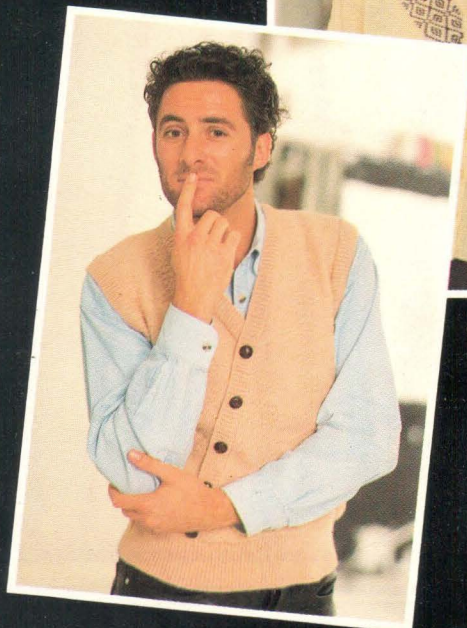
SYMBOLS

- △ EASY TO KNIT
- △△ FOR A KNITTER WITH SOME EXPERIENCE
- △△△ FOR EXPERIENCED KNITTERS
- △△△△ FOR EXPERTS ONLY

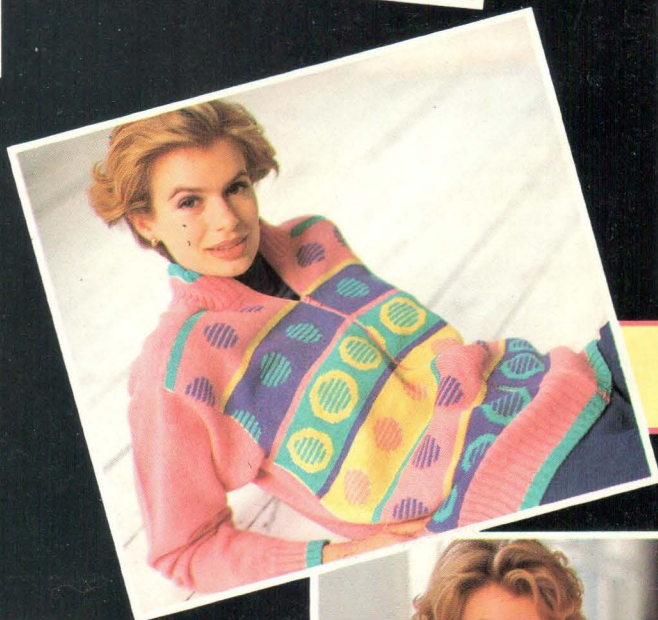
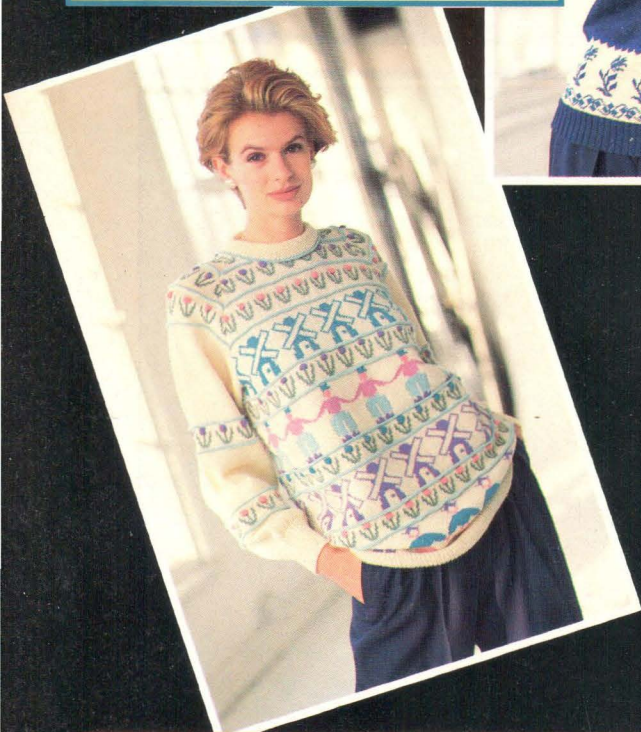
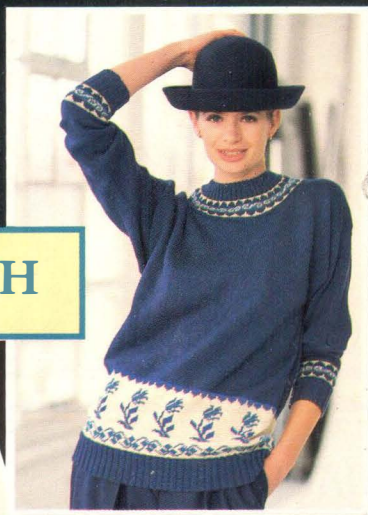
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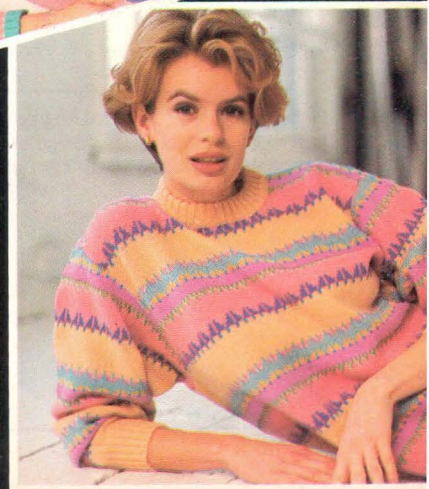
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